

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS 1 X WATER SANDS LOCATION INSPECTED SUB REPORT abd

970818 conf exp: 971203 equitable to Inland eff. 93097:

DATE FILED APRIL 29, 1996

LAND FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

U-74390

INDIAN

DRILLING APPROVED: MAY 16, 1996

SPUDDED IN JUNE 20, 1996

COMPLETED 7-19-96 POW PUT TO PRODUCING:

INITIAL PRODUCTION: 67 Bbl, N.M. mcf, 37 Bbl

GRAVITY API 34

GOR.

PRODUCING ZONES: 4250-5310 MRRV

TOTAL DEPTH: 5900'

WELL ELEVATION: 6019' GL

DATE ABANDONED:

FIELD: CASTLE PEAK

UNIT

COUNTY: DUCHESNE

WELL NO. MONUMENT FEDERAL 41-18-9-16Y

API NO. 43-013-31646

LOCATION 497 FNL

FT. FROM (N) (S) LINE.

424 FEL

FT. FROM (E) (W) LINE.

NE NE

1/4 - 1/4 SEC

18

TWP

RGE

SEC

OPERATOR

TWP

RGE

SEC

OPERATOR

Inland Production Co.

9S

16E

18

EQUITABLE RESOURCES

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Karbab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchessne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
Horsebench SS 1095	Dakota	Park City	McCracken
2nd garden gulch 2776	Burro Canyon	Rico (Goodridge)	Aneth
Yellow mkr 3948	Cedar Mountain	Supai	Simonson Dolomite
Douglas crk 4573	Buckhorn	Wolfcamp	Sevy Dolomite
2nd Douglas crk 4717	JURASSIC	CARBON I FEROUS	North Point
Green mkr 4946	Morrison	Pennsylvanian	SILURIAN
Black shale 50 ft	Salt Wash	Oquirrh	Laketown Dolomite
Carbonate N/A	San Rafael Gr	Weber	ORDOVICIAN
Flagstaff 5630	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		



EQUITABLE RESOURCES
ENERGY COMPANY

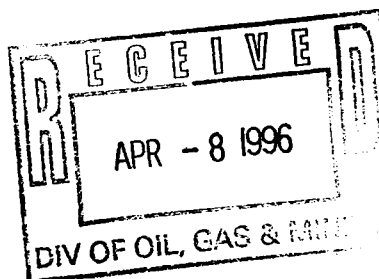
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

March 22, 1996

Utah Division of Oil, Gas and Mining
355 West North Temple
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman
Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☐ OTHER: See attached listing

2. Name of Operator:
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:
1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well
Footages: See attached listing

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:
See attached listing

6. If Indian, Allottee or Tribe Name:
n/a

7. Unit Agreement Name:
See attached listing

8. Well Name and Number:
See attached listing

9. API Well Number:
See attached listing

10. Field and Pool, or Wildcat:
See attached listing

County: See attached list

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|----------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|-----------------------------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Operator name change</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

13. Name & Signature: Bobbie Schuman
Bobbie Schuman

Regulatory and
Title: Environmental Specialist Date: March 27, 1996

(This space for State use only)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1	LEP 7-SJ
2	DE 58-FILE
3	VLD (GIL) 2/2
4	RJE
5	1/1
6	FILM

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ~~Operator Name Change Only~~

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	<u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
	<u>phone (406) 259-7860</u>	<u>BILLINGS MT 59102-4126</u>
	<u>account no. N9890</u>	<u>phone (406) 259-7860</u>
		<u>account no. N9890</u>

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>43-013-31641</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 4-4-96 & 4-8-96)
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (4-10-96)
- See 6. Cardex file has been updated for each well listed above. (4-11-96)
- See 7. Well file labels have been updated for each well listed above. (4-11-96)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (4-10-96)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

5578314 (\$80,000) Securo Ins. Co. (Bond Rider In Progress)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- OTS 2. Copies of documents have been sent to State Lands for changes involving State leases.
Sent to Ed Bonner - Trust Lands

FILMING

- Yes 1. All attachments to this form have been microfilmed. Date: Aug. 20 1997.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/6/04/0 BLM/BIA "Formal approval not necessary".

UTAH

Monument Federal #33-22-8-17	Monument Butte	NW SE	22	8S	17E	Duchesne	UT	PND	Green River	U-67845		2295' FSL, 1950' FEL	Vernal	
Monument Federal #41-18-9-16Y	Monument Butte	NE NE	18	9S	16E	Duchesne	UT	PND	Green River	U-74390			Vernal	
Monument Federal #41-35-9-18Y	Monument Butte	NE NE	35	9S	18E	Uintah	UT	PND	Green River	U-68618		500' FNL, 660' FEL	Vernal	
Monument Federal #42-6-9-16Y	Monument Butte	SE NE	6	9S	16E	Duchesne	UT	PND	Green River	U-74390			Vernal	
Monument Federal #42-20-9-16	Monument Butte	SE NE	20	9S	16E	Duchesne	UT	PND	Green River	U-52108			Vernal	
Monument Federal #43-6-9-16Y	Monument Butte	NE SE	6	9S	16E	Duchesne	UT	PND	Green River	U-74390			Vernal	
Monument Federal #43-19-9-18Y	8 Mile Flat	NE SE	19	9S	18E	Uintah	UT	PND	Green River	U-65635		2140' FSL, 500' FEL	Vernal	
Monument Federal #44-17-9-16	Monument Butte	SE SE	17	9S	16E	Duchesne	UT	PND	Green River	U-52108			Vernal	
Monument Federal #44-31-8-18Y	Monument Butte	SE SE	31	8S	18E	Uintah	UT	PND	Green River	U-65969		915' FSL, 759' FEL	Vernal	
Monument State #13-16-9-17B	Monument Butte	NW SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31580	1980' FSL, 660' FWL		Beluga
Monument State #22-16-9-17B	Monument Butte	SE NW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31579	1824' FNL, 1981' FWL		Beluga
Monument State #23-16-9-17B	Monument Butte	NE SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31578	1980' FSL, 1980' FWL		Beluga
Monument State #31-2-9-17	Monument Butte	NW NE	2	9S	17E	Uintah	UT	PND	Green River	State ML-45555	43-013-31563	500' FNL, 1980' FEL		
Paiute Federal #11-17	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-047-30516	661' FNL, 664' FWL	Vernal	Beluga
Paiute Federal #24-8	Monument Butte	SE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30675	660' FSL, 1980' FWL	Vernal	Beluga
Paiute Federal #34-8	Monument Butte	SW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30778	660' FSL, 1980' FEL	Vernal	Beluga
Paiute Federal #43-8	Monument Butte	NE SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30777	1958' FSL, 711' FEL	Vernal	Beluga
Pariette Bench #4 SWD	Pariette Bench	SW SE	7	9S	19E	Uintah	UT	SWD	Green River	U-017992	43-047-15681	660' FSL, 1980' FEL	Vernal	Pariette Bench
Pariette Bench Federal #14-5	Pariette Bench	SW SW	5	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31123	605' FSL, 479' FWL	Vernal	
Pariette Bench Federal #32-6	Pariette Bench	SW NE	6	9S	19E	Uintah	UT	OSI	Green River	U-50385	43-047-31554	2117' FNL, 2123' FEL	Vernal	
Pariette Bench Federal #41-7	Pariette Bench	NE NE	7	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31584	1008' FNL, 1282' FEL	Vernal	Pariette Bench
Pariette Bench Federal #43-6	Pariette Bench	NE SE	6	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31616	2044' FSL, 721' FEL	Vernal	
Pariette Bench Unit #2	Pariette Bench	SW NE	7	9S	19E	Uintah	UT	Oil	Green River	U-022684-A	43-047-15680	2030' FNL, 1830' FEL	Vernal	Pariette Bench
POMCO #2	Monument Butte	NW SE	18	9S	17E	Duchesne	UT	OTA	Green River	U-3563	43-013-30505	1980' FSL, 1980' FEL	Vernal	Beluga
POMCO #4	Monument Butte	SW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-103-30506	660' FSL, 660' FWL	Vernal	Beluga
POMCO #5	Monument Butte	NW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30499	1980' FSL, 660' FWL	Vernal	Beluga
State #16-2	Monument Butte	NE NE	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30552	871' FNL, 748' FEL		
Sue Morris #16-3	Monument Butte	NE NW	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30562	660' FNL, 1980' FWL		Beluga
TXO Federal #1	Coyote Basin	SW NE	5	8S	25E	Uintah	UT	Oil	Green River	U-41376	43-047-31406	1918' FNL, 1976' FEL	Vernal	Coyote Basin
TXO Federal #2	Coyote Basin	SW SE	5	8S	25E	Uintah	UT	OTA	Green River	U-41376	43-047-31567	2085' FNL, 819' FEL	Vernal	Coyote Basin
Walton Federal #1	Monument Butte	SE SE	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15792	706' FSL, 704' FEL	Vernal	Jonah
Walton Federal #2-14	Monument Butte	NW NE	14	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15793	542' FNL, 1869' FEL	Vernal	Jonah
Walton Federal #34-11	Monument Butte	SW SE	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31003	537' FSL, 2092' FEL	Vernal	Jonah
Walton Federal #4-11	Monument Butte	SE NW	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15795	1980' FNL, 1975' FWL	Vernal	Jonah

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

NE NE Section 18, T9S, R16E 497' FNL, 424' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

From Myton, UT approximately 10 mi SW

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6,019' GL

22. APPROX. DATE WORK WILL START*

June 1, 1996

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached	Drilling Program/Casing Design			

Operator intends to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)

COPY; Utah Division of Oil, Gas and Mining (Salt Lake City, UT)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bobbie Schuman
Bobbie Schuman

TITLE

Regulatory and
Environmental Specialist

DATE April 26th, 1996

(This space for Federal or State office use)

PERMIT NO.

43-013-31646

APPROVAL DATE

APPROVED BY

M. Matthews

TITLE

Petroleum Engineer

DATE

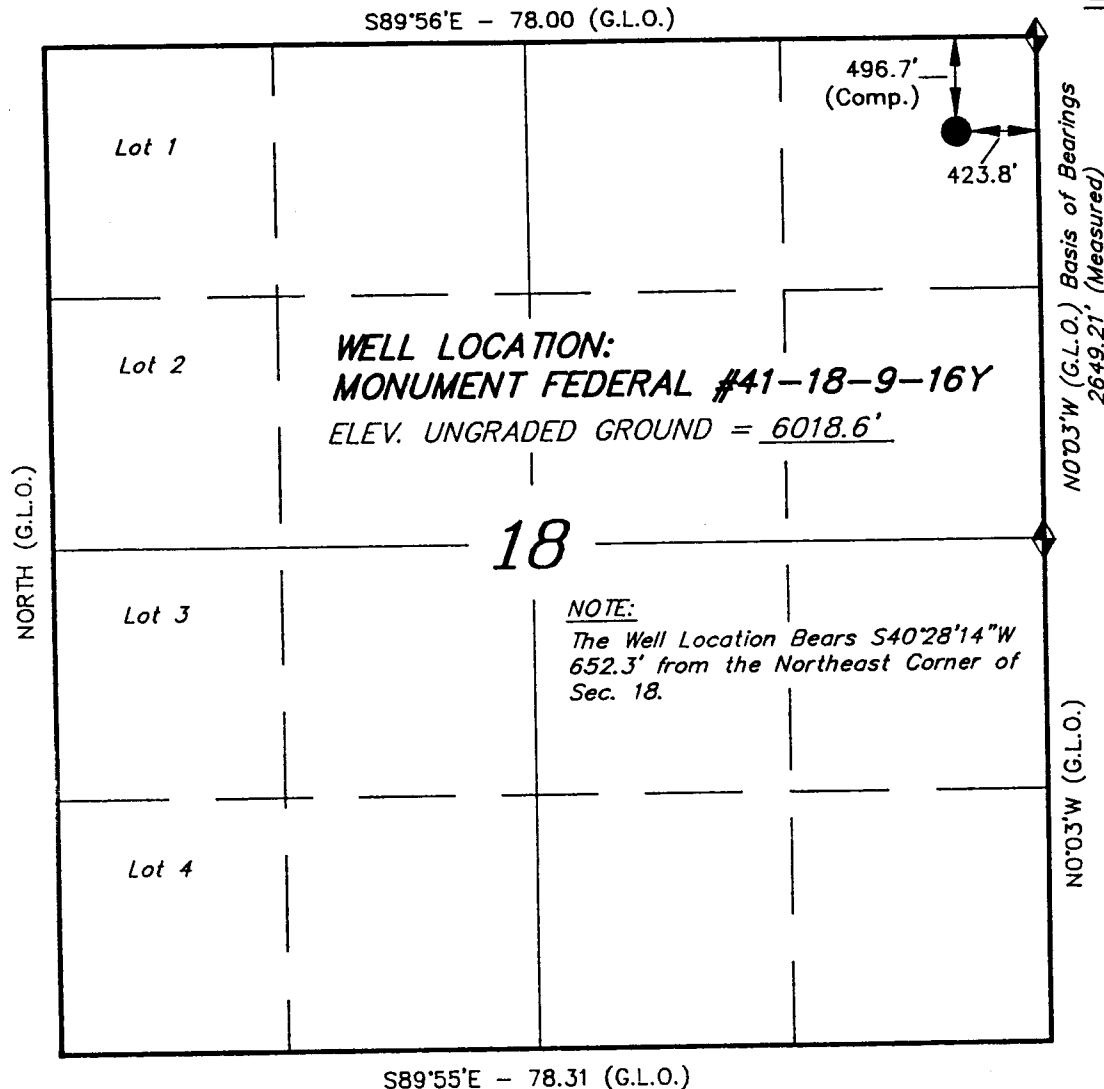
5/16/96

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

T9S, R16E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.



WELL LOCATION, MONUMENT FEDERAL #41-18-9-16Y, LOCATED AS SHOWN IN THE NE 1/4 NE 1/4 OF SECTION 18, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. 189377

STACY W.
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: S.S. D.S.

DATE: 3-12-96

WEATHER: WINDY & COLD

NOTES:

FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-74390
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME n/a
2. NAME OF OPERATOR Equitable Resources Energy Company		7. UNIT AGREEMENT NAME n/a
3. ADDRESS OF OPERATOR 1601 Lewis Avenue; Billings, MT 59102		8. FARM OR LEASE NAME Monument Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface NE NE Section 18, T9S, R16E 497' FNL, 424' FEL At proposed prod. zone 151 129		9. WELL NO. #41-18-9-16Y
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* From Myton, UT approximately 10 mi SW		10. FIELD AND POOL, OR WILDCAT Monument Butte/Green River
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 18, T9S, R16E
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH Duchesne
17. NO. OF ACRES ASSIGNED TO THIS WELL		13. STATE UTAH
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6,019' GL		22. APPROX. DATE WORK WILL START* June 1, 1996

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator intends to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining (Salt Lake City, UT)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

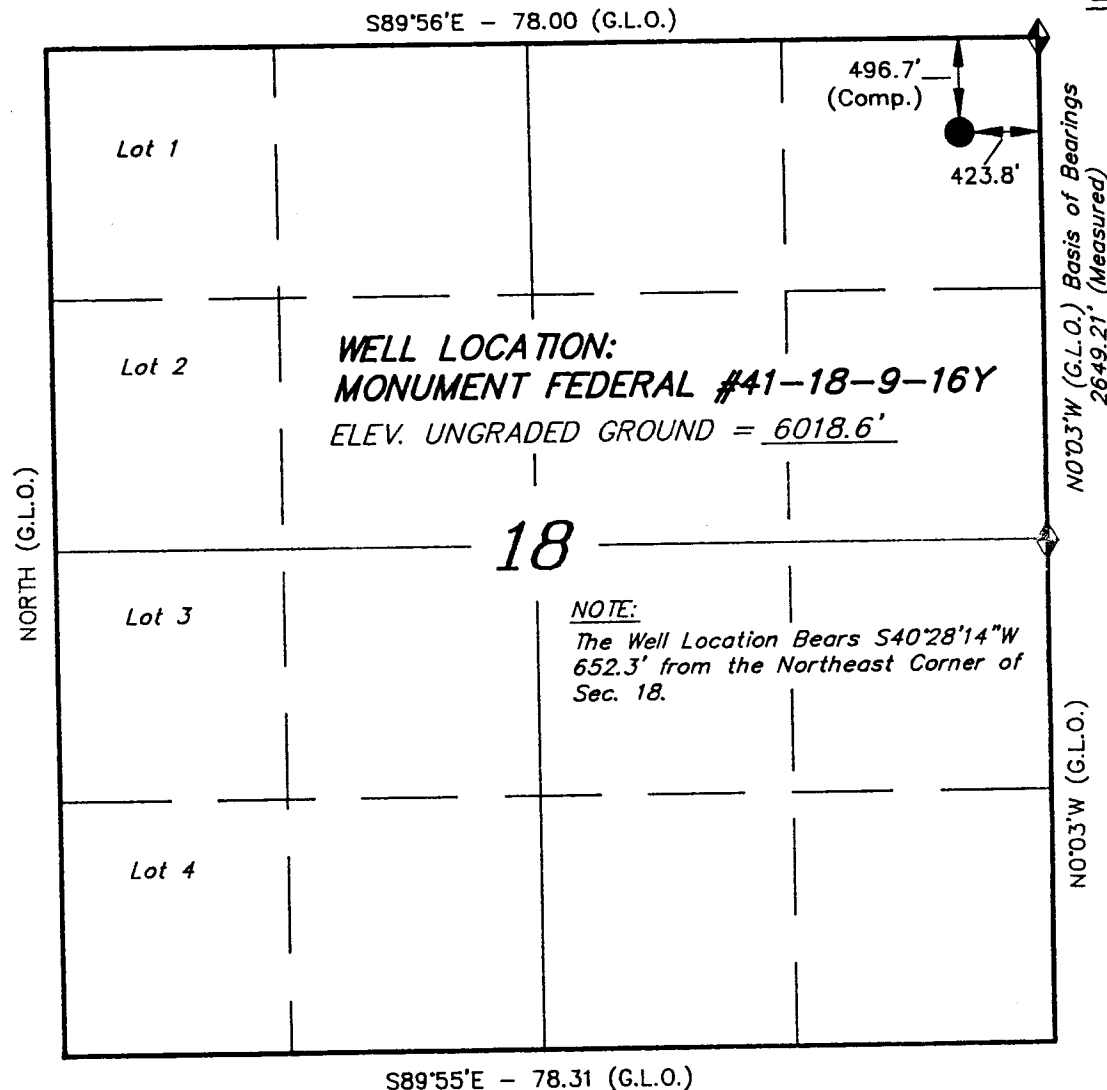
24. SIGNED <u>Bobbie Schuman</u>		Regulatory and Environmental Specialist		DATE <u>April 26/1996</u>	
(This space for Federal or State office use)		TITLE <u>Environmental Specialist</u>		DATE <u>April 26/1996</u>	
PERMIT NO. <u>43-013-31646</u>		APPROVAL DATE			
APPROVED BY <u>JP Matthews</u>		TITLE <u>Petroleum Engineer</u>		DATE <u>5/16/96</u>	
CONDITIONS OF APPROVAL, IF ANY					

DIV. OF OIL, GAS & MINING

*See Instructions On Reverse Side

T9S, R16E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.



WELL LOCATION, MONUMENT FEDERAL #41-18-9-16Y, LOCATED AS SHOWN IN THE NE 1/4 NE 1/4 OF SECTION 18, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. 189377

STACY W.
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

SCALE: 1" = 1000'

SURVEYED BY: S.S. D.S.

DATE: 3-12-96

WEATHER: WINDY & COLD

NOTES:

FILE #

EXHIBITS

- A PROPOSED DRILLING PROGRAM
- B PROPOSED SURFACE USE PROGRAM
- C GEOLOGIC PROGNOSIS
- D DRILLING PROGRAM/CASING DESIGN/WELLBORE DIAGRAM
- E HAZMAT DECLARATION
- F EXISTING & PLANNED ACCESS ROADS (MAPS A & B)
- G WELLSITE LAYOUT
- H BOPE SCHEMATIC
- I EXISTING ROADS (MAP C)
- J PROPOSED PRODUCTION FACILITY DIAGRAM
- K SURVEY PLAT
- L LAYOUT/CUT & FILL DIAGRAM

6/19/95

CONFIDENTIAL

AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD ALLOWED BY FEDERAL AND STATE REGULATIONS.

Equitable Resources Energy Company,
Balcron Oil Division
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY

Monument Federal #41-18-9-16Y

NE NE Section 18, T9S, R16E

Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

2. ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.
- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.

- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.00, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- E. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following attachment:

Drilling Program/Casing Design (EXHIBIT "D")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon after APD approval as possible.
- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.

- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.
- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

7. OTHER

- a. Operator requests a variance to regulations requiring a straight run blooie line.
- b. Operator requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.

B

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY
MONUMENT FEDERAL #41-18-9-16Y
NE NE SECTION 18, T9S, R16E
DUCHESNE COUNTY, UTAH

1. Existing Roads: Refer to Maps "A" & "B" (shown in RED)

- A. The proposed well site is staked and four reference stakes are present. 200' & 250' North and 175' & 225' East.
- B. The Monument Federal #41-18-9-16Y is located 10 miles Southwest of Myton Utah in the NE1/4 NE1/4 Section 18, T9S, R16E, SLB&M, Duchesne County, Utah. To reach the 41-18-9-16Y, proceed West from Myton, Utah along U.S. Highway 40 for 1.6 miles to the junction of this highway and Sand Wash road; Proceed South along the Sand Wash road approximately 6.3 miles to a road intersection, turn right and continue 7.3 miles to the proposed location which straddles the existing road.
- C. Access roads - refer to Maps "A" and "B".
- D. Access roads within a one-mile radius - refer to map "B".
- E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

2. Planned Access Roads: Refer to Map "B"

No new road construction will be required for access to the proposed well location.

- A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned & ditched and/or sloped and dipped.

- B. Construction standard - the access road will be constructed so as to conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. (1989)

The road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction will include ditching, draining, crowning, and capping or sloping and dipping the roadbed as necessary to provide a well constructed and safe road. Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely. Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossing shall be designed so they will not cause siltation or the accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

- C. Maximum grade - Less than 8%
- D. Turnouts - no turnouts will be required on this access road.
- E. Drainage design - the access road will be crowned and ditched or sloped and dipped, and water turnouts installed as necessary to provide for proper drainage along the access road route.
- F. Culverts, cuts and fills - none.
- G. Surface materials - all construction materials will be native material taken from onsite.
- H. Gates, cattleguards or fence cuts - none required.
- I. Road maintenance - during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts

will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations.

J. The proposed access road has been centerline flagged.

K. If a right-of-way is required please consider this APD the application for said right-of-way.

3. Location of Existing Wells Within a One-Mile Radius:

Please Refer to Map "C"

- A. Water wells - none known.
- B. Abandoned wells - see Map "C"
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - see Map "C".
- G. Shut-in wells - none known.
- H. Injection wells - none known.
- I. Monitoring wells - none known.

4. Location of Existing and/or Proposed Facilities Owned by Equitable Resources Energy Company Within a One-Mile Radius:

A. Existing

- 1. Tank batteries - see Map "C".
- 2. Production facilities - see Map "C".
- 3. Oil gathering lines - none.
- 4. Gas gathering lines - see Map "C".

B. New Facilities Contemplated

- 1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or toe of the fill slope.
- 2. The production facilities will consist primarily of a pumping unit, Two tanks and an emergency pit. A diagram showing the proposed production facility layout is included in this APD.
- 3. Production facilities will be accommodated on the existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having

a permitted (private) source of materials within the area.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units) will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.
- C. The production (emergency) pit will be 12'x12' and will be fenced. Said fence will be maintained in good condition.
- D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.
- E. Reclamation of disturbed areas no longer needed for operation will accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.

For Pipeline:

- F. Any proposed pipelines will be submitted to the authorized officer via Sundry Notice for approval of subsequent operations.
- G. Equitable Resources Energy Company shall be responsible for road maintenance from the beginning to completion of operations.

5. Location and Type of Water Supply

- A. Water to be used for the drilling of these wells will be hauled by truck over the roads described in item #1 and item #2, from a well owned by Owen Dale Anderson of Vernal Utah or from a spring owned by Joe Shields of Myton Utah. Source will be determined by sundry notice closer to the

beginning of drilling operations.

- B. No water well will be drilled on this location.

6. Source of Construction Materials

- A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads to the area. No special access other than for drilling operations and pipeline construction is needed.
- B. All access roads crossing Federal land are described under item #2, and shown on Map #A.

All construction material for these location sites and access roads shall be borrowed material accumulated during the construction of the location sites and access roads. No additional construction material from other sources is anticipated at this time, if in the future it is required the appropriate actions will be taken to acquire it from private sources.

- C. All surface disturbance area is on B.L.M. lands.
- D. There are no trees on this location.

7. Methods of Handling Waste Materials:

- A. Cuttings - the cuttings will be deposited in the reserve pit.
- B. Drilling fluids - including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within one hundred twenty (120) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Equitable Resources Energy Company.

The reserve pit will be constructed so as not to leak, break, or allow discharge. The reserve pit will be lined with a 12 mil plastic reinforced liner.

- C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, in accordance with Onshore Order #7, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval. Failure to file an application within the time frame allowed will be considered an incidence of noncompliance.

Any spills of oil, gas, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

- D. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and the contents thereof disposed of in the nearest, approved, sewage disposal facility.
- E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.
- G. The reserve and/or production pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls. All pits will be constructed so as not to leak, break, or allow the discharge of liquids therefrom.

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

A. Plat #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. An average minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles. The reserve pit will be on the East side of location. Access will be from the North between corner #2 and corner #3. Corner #6 will be rounded to avoid excessive cut.

B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There may be as many as three (3) trailers on location during drilling operation.

C. A completion rig will be moved onto location for completion operations after drilling operations have been completed and the drilling rig has been moved off location.

D. A diagram showing the proposed production facility layout is included in this APD.

E. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid.

The reserve pit will be lined with a 12 mil plastic liner, it will be torn and perforated after the pit dries and before backfilling of the reserve pit.

F. Prior to the commencement of drilling operations, the reserve pit will be fenced on three (3) sides using 39-inch net wire with one strand of barbed wire on top of the net wire. The net wire will be no more than two inches above the ground. the barbed wire will be three inches above the net wire. total height of the fence will be at least 42-inches.

1. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

2. Standard steel, wood, or pipe posts shall be used between the corner braces. The maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.

3. All wire shall be stretched, by using a stretching

device, before it is attached to the corner posts.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

- G. Any hydrocarbons on the pit will be removed from the pit as soon as possible after completion operations are completed.

10. Plans for Reclamation of the Surface:

The B.L.M. will be contacted prior to commencement of any reclamation operations.

A. Production

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production.

2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.

3. The plastic pit liner shall be torn and perforated before backfilling of the reserve pit.

4. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed.

Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.

5. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed within one hundred twenty (120) days from the date of well completion, weather permitting.

6. If the well is a producer, Equitable Resources Energy Company will, upgrade and maintain access roads as necessary to prevent soil erosion, and accommodate year round traffic. Reshape areas unnecessary to operations, distribute topsoil, disk and seed all disturbed areas outside the work area according to the recommended seed mixture. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

If the well is abandoned/dry hole, Equitable Resources Energy Company will, restore the access road and location to approximately the original contours. During reclamation of the site, push the fill material into cuts and up over the backslope. Leave no depressions that will trap water or form ponds. Distribute topsoil evenly over the location, and seed according to the above seed mixture. The access road and location shall be ripped or disked prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

Seedbed will be prepared by disking, following the natural contours. Seed will be drilled on contours at a depth no greater than one-half inch (1/2"). In areas that cannot be drilled, seed will be broadcast at double the seeding rate and harrowed into soil. Certified seed will be used whenever available.

Fall seeding will be completed after September 15 and prior to prolonged ground frost. Spring seeding, to be effective, will be completed after the frost has left the ground and prior to May 15th.

7. Upon completion of backfilling, leveling and recontouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to reseeding, all disturbed surfaces will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces will be reseeded with the seed mixture stipulated by the B.L.M.

Seed will be drilled on the contour to a approximate depth of one-half (1/2) inch. All seeding will be conducted after September 15 and prior to ground frost. Spring seeding will be done after the frost leaves the ground and no later than May 15. If the seeding is unsuccessful, Equitable Resources may be required to make subsequent seedings.

B. Dry Hole/Abandoned Location

1. On lands administered by the Bureau of Land Management, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:

(c) ensuring revegetation of the disturbed areas to the specifications of the Bureau of Land Management at

the time of abandonment.

2. All disturbed surfaces will be recontoured to the approximate natural contours and reseeded according to BLM specifications. Reclamation of the well pad and access road will be performed as soon as practical after final abandonment and reseeding operations will be performed in the fall or spring following completion of reclamation operations.

11. Surface Ownership:

The well site and proposed access road are situated on surface lands administered by

Bureau of Land Management
Vernal District Office
Vernal, Utah

12. Other Information:

- A. Topographic and geologic features of the area (reference Topographic Map #A) are:

The proposed drill site is located in the Monument Butte oil field, which lies in a large basin formed by the Uinta Mountains to the North and the Bookcliff Mountains to the South. The site is located approximately 15 miles Northwest of the Green River, which is the major drainage for this area, and approximately 13 miles Southwest of Myton Utah.

This basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone, conglomerate deposits and shale are common in this area.

The geologic structures that are visible in the area are of the Uinta formation (Eocene Epoch) tertiary period and the cobblestone and younger alluvial deposits from the Quaternary period.

The soils in the semi-arid area of the Williams Fork Formation (Upper Cretaceous) and Wasatch Formation (Eocene) consist of light brownish gray clay (OL) to sand soil (SM-ML) type with poorly graded gravels.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a sandy clay (SM-ML) type soil to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

The flora of the area includes sagebrush, mountain mahogany, serviceberry, rabbit brush, greasewood, four-wing saltbush, Gambel scrub oak, willow, tamarack, shadscale, Spanish bayonet, indian rice grass, cheatgrass, wheatgrass, curly grass, crested wheatgrass, sweet clover, gum weed, foxtail, mustard, Canadian thistle, Russian thistle, Kochia, sunflowers and cacti.

The fauna of the area includes cattle, horses, elk, deer, coyotes, rabbits, rodents, lizards, bull snakes, rattle snakes, water snakes and horned toads. Birds of the area are ground sparrows, bluejays, bluebirds, magpies, ravens, raptors, morning doves, swallows, nighthawks, hummingbirds, and chukar.

- B. The surface ownership is Federal. The surface use is grazing and petroleum production.
- C.
 - 1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.
 - 2. There are no occupied dwellings in the immediate area
 - 3. An archaeological report will be forwarded upon completion.
 - 4. There are no reported restrictions or reservations noted on the oil and gas lease.
 - 5. A silt catchment dam will not be required for this location.

13. Lessee's or Operator's Representative:

Equitable Resources Energy Company
1601 Lewis Avenue
P.O. Box 21017
Billings, Montana 59104
(8:00 a.m. to 5:00 p.m.)
(406)259-7860
FAX: (406)245-1361

Dave McCoskery,

Home (406)248-3864

Dale Griffin,

Home (303)824-3323

14. certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Balcron Oil, a division of Equitable Resources Energy Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

April 26, 1996
Date

Bobbie Schuman
Bobbie Schuman
Coordinator of Environmental
and Regulatory Affairs
Equitable Resources Energy Co.



Well Prognosis

Well Name Monument Federal #41-18-9-16Y					Control Well		
Location NE/NE Section 18-T9S-R16E (497 FNL, 424 FEL)					Operator Shamrock Oil and Gas		
County/State Duchesne County, UT					Well Name Castle Peak Unit #8		
Field Monument Butte					Location NW/NW Section 20-T9S-R16E		
Well Type Step Out					KB 6091		
GL (Ung)	6019	EST. KB	6028	Total Depth	5900		

Formation Tops			Prognosis		Sample Top		Control Well		High/Low	
Formation	Depth	Datum	Depth	Datum	Datum	Prog	Control	Deviation		
UINTA	surface									
GREEN RIVER	1735	4293			4493					
HORSEBENCH SS	2304	3724			3924					
2ND GARDEN GULCH	3960	2068			2268					
Y-3 (PAY)	4270	1758			1945					
YELLOW MARKER	4570	1458			1658					
DOUGLAS CREEK MKR	4713	1315			1515					
GREEN MKR	5053	975			1175					
G-3 (PAY)	5105	923			1123					
G-6 (PAY)	5436	592			792					
CARBONATE MARKER	5629	399			599					
B-1 (PAY)	5654	374			574					
TD	5900									

Samples	DST,s	Wellsite Geologist
50' FROM 1700' TO 4100'	DST #1 NONE	Name: _____
20' FROM 4100' TO TD	DST #2 _____	From: _____ To: _____
5' THROUGH EXPECTED PAY	DST #3 _____	Address: _____
5' THROUGH DRILLING BREAKS	DST #4 _____	Phone # _____ wk.
		hm.
		Fax # _____

Logs	Cores	Mud Logger
DLL FROM SURF CSNG TO TD	Core #1 _____	Company: _____
LDT/CNL FROM 4100' TO TD	Core #2 _____	From: 1700 To: TD
	Core #3 _____	Type: _____
	Core #4 _____	Logger: _____
		Phone # _____
		Fax # _____

Comments:

Report To:	1st Name: DAVE BICKERSTAFF	Phone # (406)259-7860	wk. (406)245-2261	hm.
	2nd Name: KEVEN REINSCHMIDT	Phone # (406)259-7860	wk. (406)248-7026	hm.
Prepared By:	BICKERSTAFF	Phone # _____	wk. _____	hm. _____

D
1 of 2

BALCRON OIL CO.

Operator: EREC	Well Name: Monument Fed.41-18Y
Project ID:	Location: Duchesne, Utah

Design Parameters:

Mud weight (8.80 ppg) : 0.457 psi/ft
 Shut in surface pressure : 2107 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Body Yield : 1.50 (B)
 Overpull : 0 lbs.

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	5,900	5-1/2"	15.50	K-55	ST&C	5,900	4.825		
	Collapse Load Strgth S.F. (psi) (psi)		Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)			
1	2697	4040	1.498	2697	4810	1.78	91.45	222	2.43 J

Prepared by : McCoskery, Billings, MT
 Date : 04-26-1996
 Remarks :

Minimum segment length for the 5,900 foot well is 1,500 feet.
 The mud gradient and bottom hole pressures (for burst) are 0.457 psi/ft and
 2,697 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guide-
 line, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with
 evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body
 Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and
 Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1990 pricing model. (Version 1.0G)



EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION

D
2 of 2

DRILLING PROGRAM

WELL NAME: Monument Federal #41-18-9-16Y
PROSPECT/FIELD: Monument Butte
LOCATION: NE/NE Section 18 Twn.9S Rge.16E
COUNTY: Duchesne
STATE: Utah

DATE: 4-26-96

TOTAL DEPTH: 5900'

HOLE SIZE INTERVAL

12 1/4"	Surface to 260'
7 7/8"	260' to 5900'

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0'	260'	8 5/8"	24	J55
Production Casing	0'	5900'	5 1/2"	15.50	K55

CEMENT PROGRAM

Surface Casing	150 sacks class "G" with 2% CaCl and 1/4 lb/sack Flocele. (Cement will be circulated to surface.)
----------------	------------------------------------------------------------------------------------------------------

Production Casing	250 sacks Thrifty Lite and 400 sacks 50-50 Poz. (Actual cement volumes will be calculated from caliper log with cement top at 2000')
-------------------	-----------------------------------------------------------------------------------------------------------------------------------------

PRELIMINARY DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and Air Mist	0'	260'	N.A.	N.A.	N.A.
Air/Air Mist/KCl wtr	260'	T.D.	8.7-8.9	N.A.	N.A.

COMMENTS

1.) No cores or tests are planned for this well.

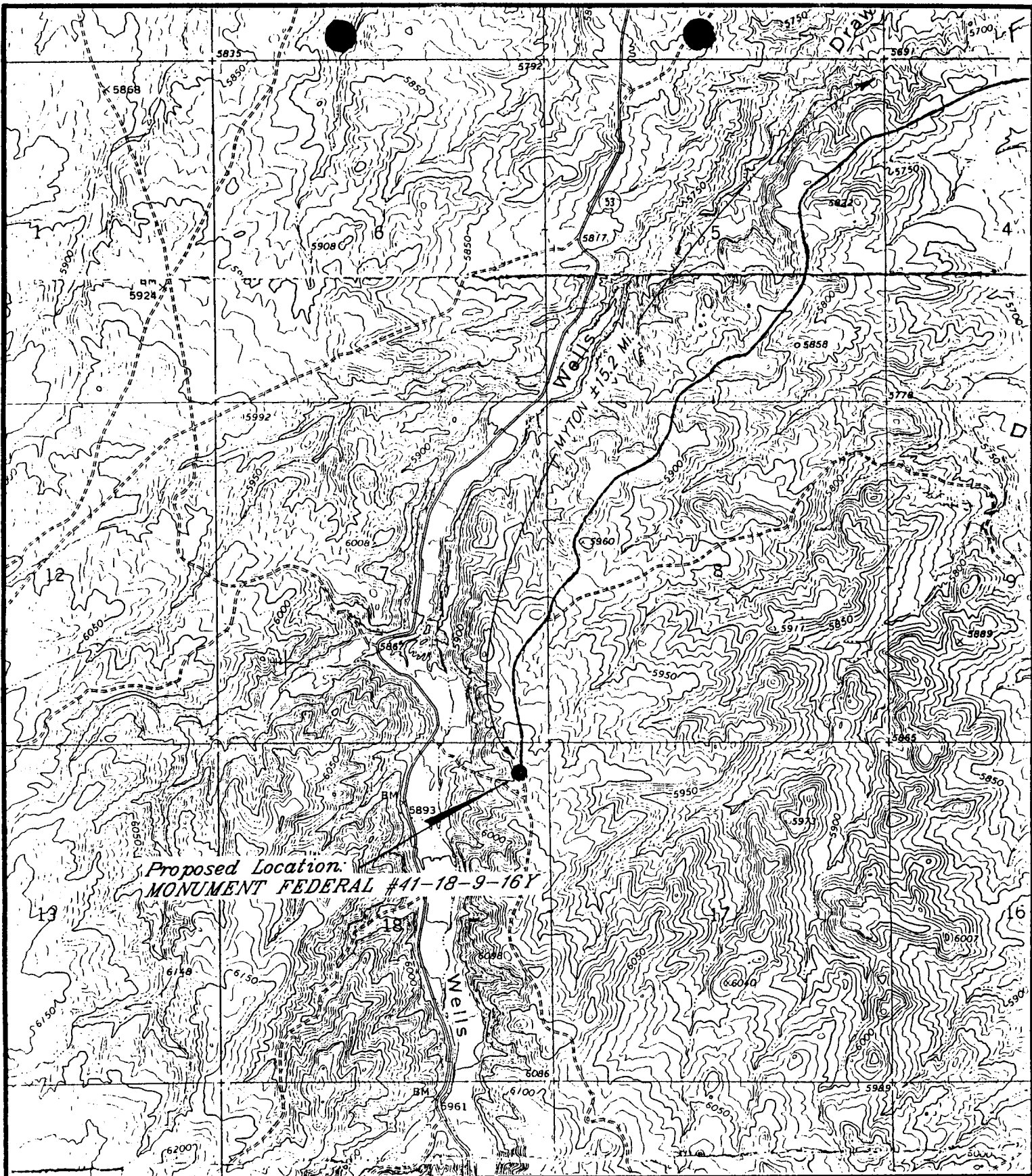
- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

- B. Extremely hazardous substances threshold quantities (per Howard Cleavinger 11/30/93) of which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

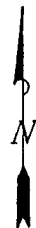
We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

12/1/93
Revised 12/7/93
/rs



EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #41-18-9-16Y
 SEC. 18, T9S, R16E, S.L.B.&M.
 TOPO "B"



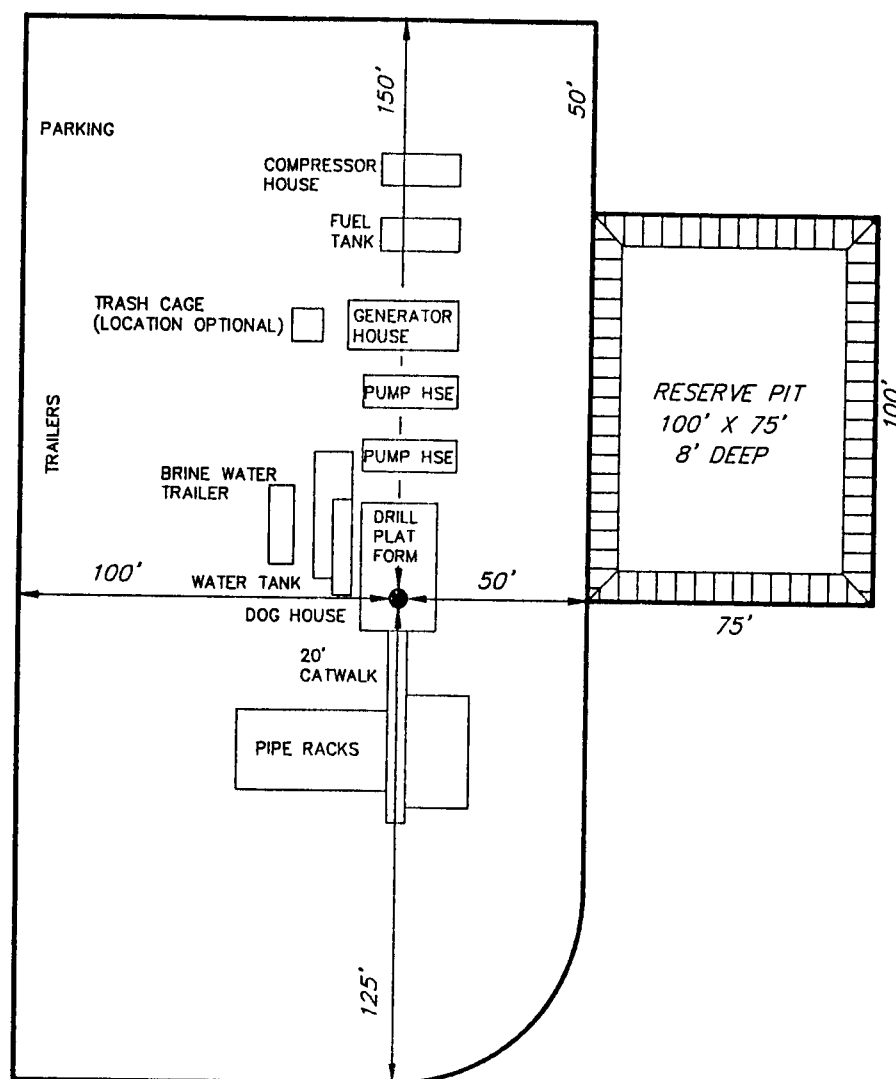
SCALE: 1" = 2000'

Tri State
 Land Surveying, Inc.
 (801) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078

EQUITABLE RESOURCES CO.

TYPICAL RIG LAYOUT

MONUMENT FEDERAL #41-18-9-16Y



UNION DRILLING RIG #17

Hex Kelly -

ROTATING HEAD

ADJ. CHOKE

AIR BOWL

7" FLOWLINE

#3000
BLIND RM. PIPE RM.

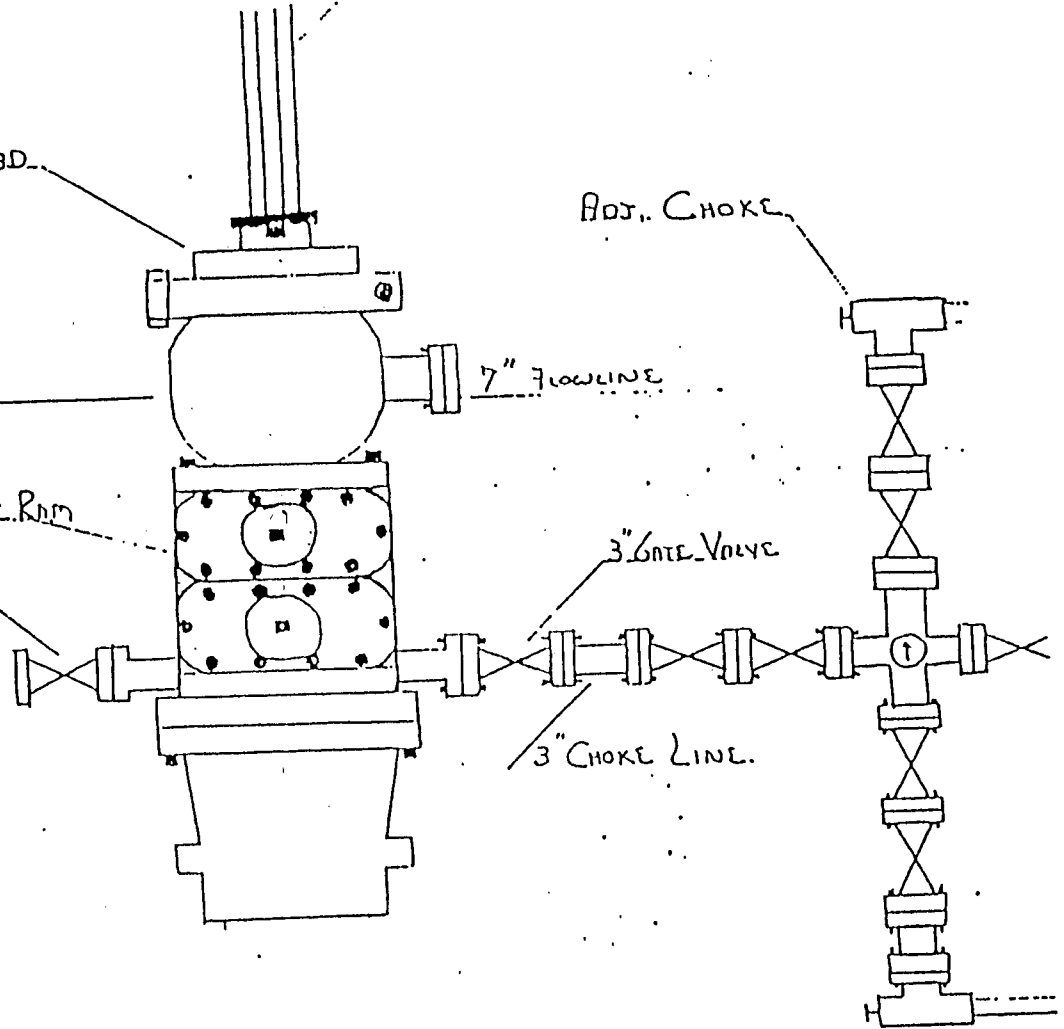
3" GATE VALVE

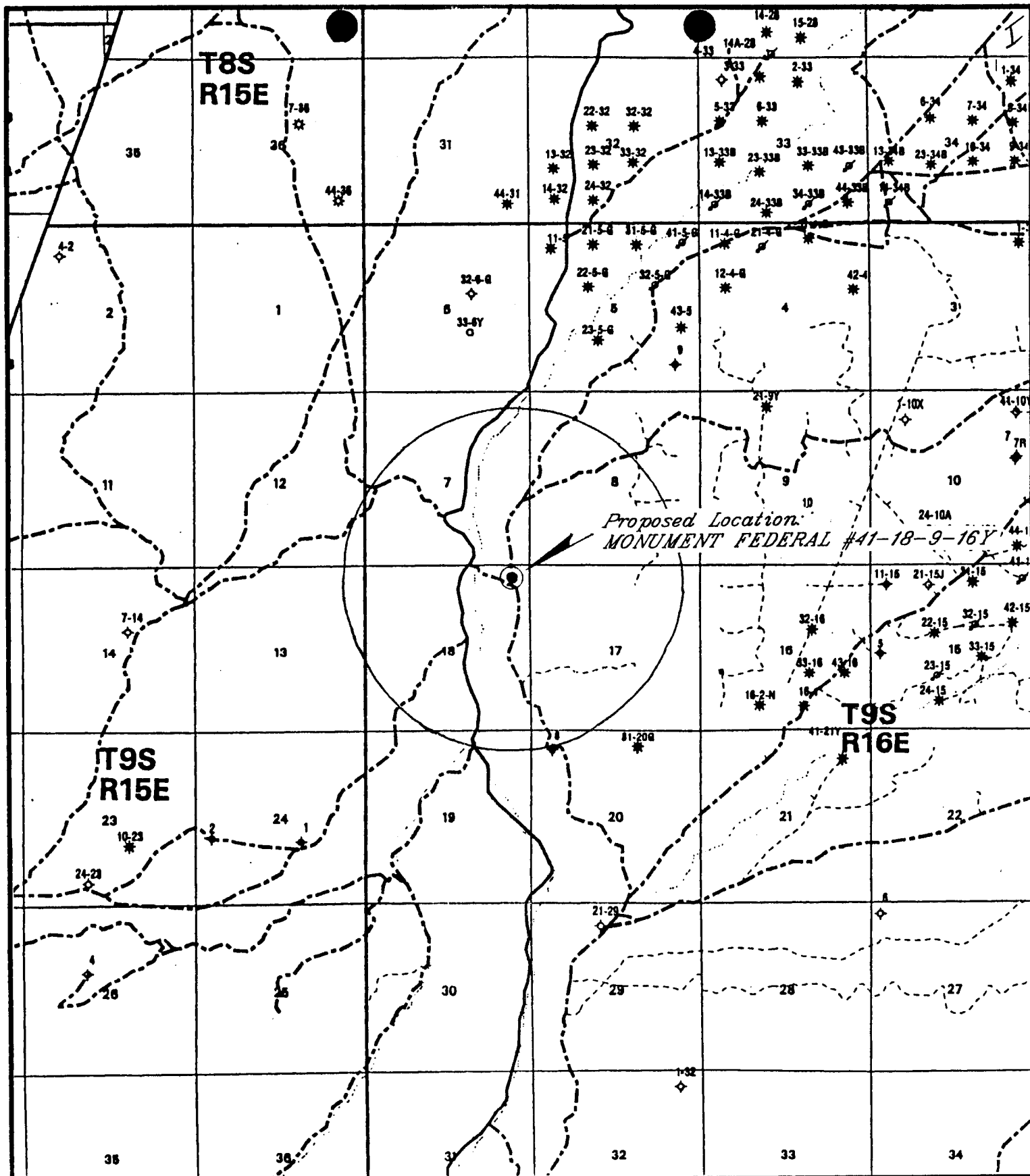
3" GATE VALVE

3" CHOKE LINE

ADJ. CHOKE

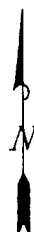
#3000 STACK





EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #41-18-9-16Y
SEC. 16, T9S, R16E, S.L.B.&M.
TOPO "C"



Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

PROPOSED PRODUCTION FACILITY DIAGRAM

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN

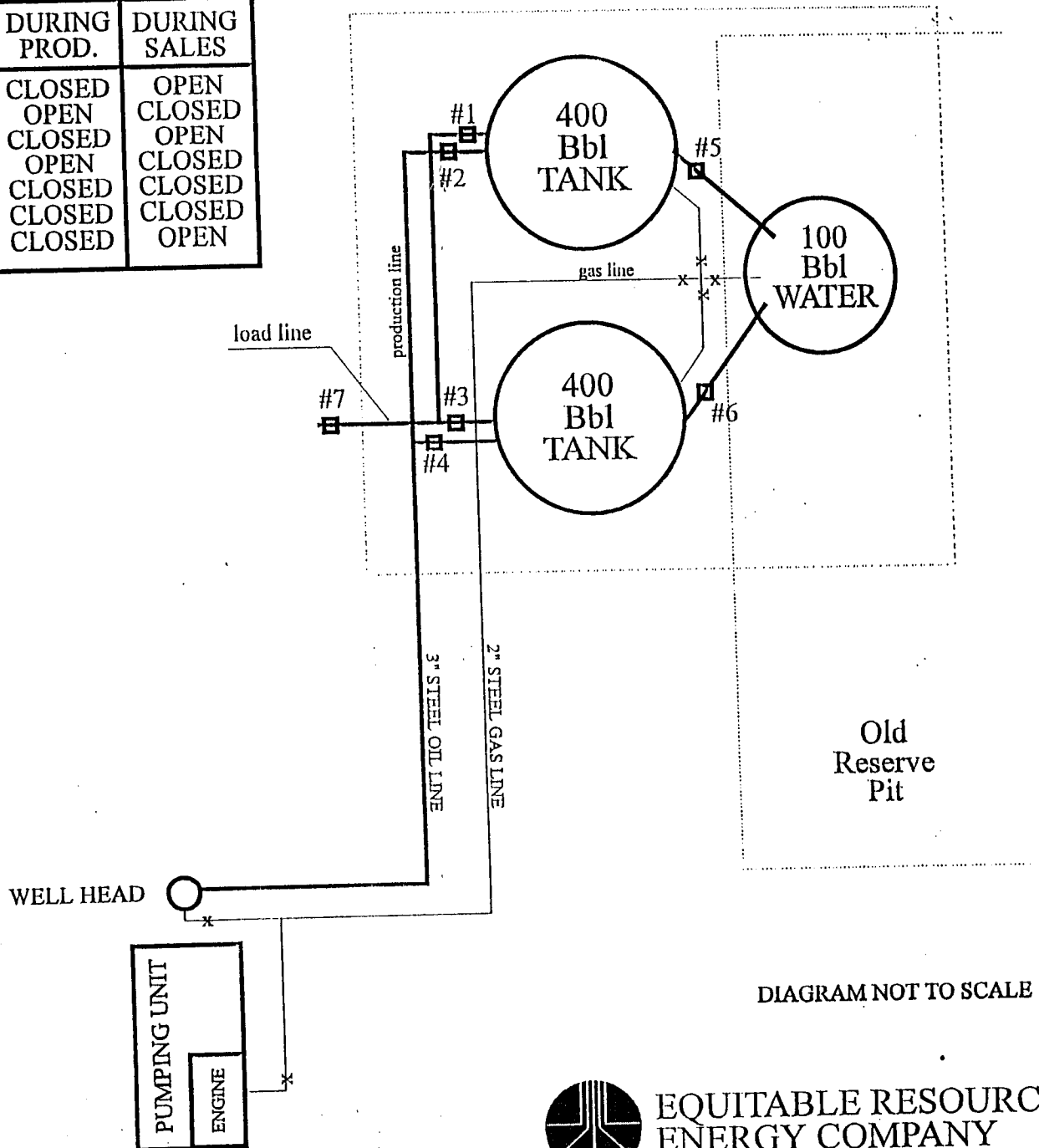
DIKE

DIAGRAM NOT TO SCALE



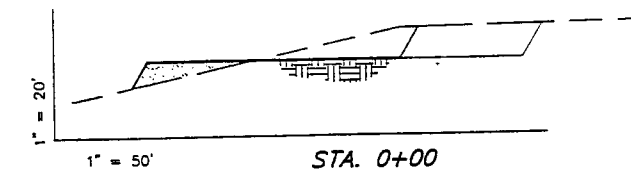
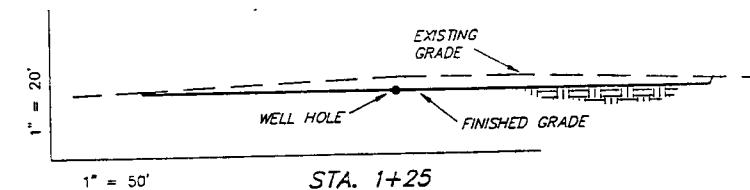
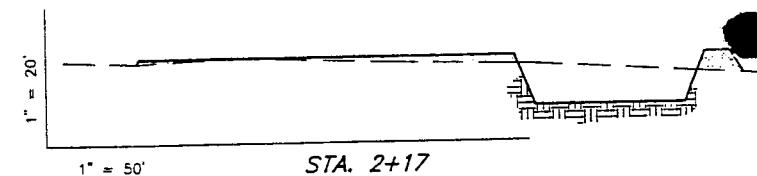
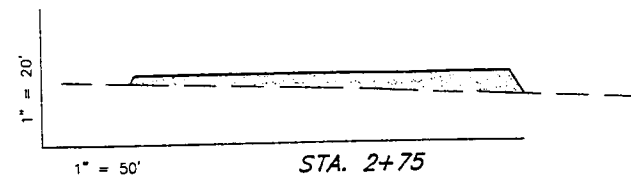
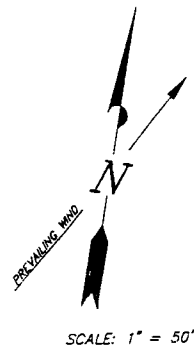
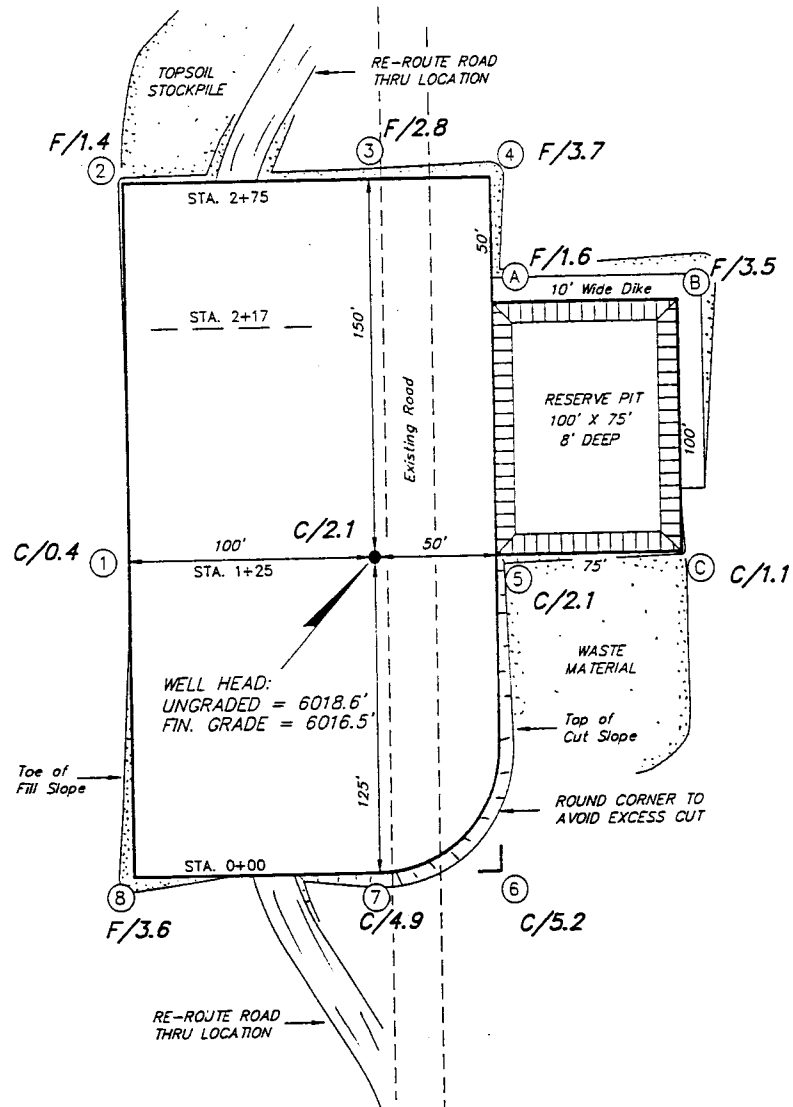
EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59104-2
(406) 259-7860

EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #41-18-9-16Y
SEC. 18, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

200' NORTH = 6011.8'
250' NORTH = 6010.0'
175' EAST = 6017.2'
225' EAST = 6017.1'

APPROXIMATE YARDAGES

CUT = 1,200 Cu. Yds.
FILL = 1,180 Cu. Yds.
PIT = 1,940 Cu. Yds.
6" TOPSOIL = 900 Cu. Yds.

SURVEYED BY: S.S.

DRAWN BY: J.R.S.

DATE: 3-12-96

SCALE: 1" = 50'

FILE:

Tri State
Land Surveying, Inc.

(801) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/29/96

API NO. ASSIGNED: 43-013-31646

WELL NAME: MONUMENT FEDERAL 41-18-9-16Y
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:

NENE 18 - T09S - R16E
SURFACE: 0497-FNL-0424-FEL
BOTTOM: 0497-FNL-0424-FEL
DUCHESNE COUNTY
CASTLE PEAK FIELD (075)

LEASE TYPE: FED
LEASE NUMBER: U - 74390

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Federal ☒ State ☐ Fee ☐
(Number 5547188)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number PRIVATE SUPPLY)
☒ RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

___ R649-2-3. Unit: _____
___ R649-3-2. General.
☒ R649-3-3. Exception.
___ Drilling Unit.
Board Cause no: _____
Date: _____

COMMENTS: _____

STIPULATIONS: _____

The map displays a grid system with letters A through J and numbers 1 through 30. Key features include:

- Roads:** R 15 E and R 16 E are labeled on the left side.
- Landmarks:** "CASTLE PEAK" is written in large, bold, black letters in the center.
- Parcels:** Several parcels are labeled with "GRRV" (Green River Valley) and "MONUMENT FED." (Monument Federal).
- Symbols:** Various symbols are used to denote different types of land, including stars, diamonds, and crosses.
- Coordinates:** The map includes a grid system with letters A through J and numbers 1 through 30.

PREPARED:
DATE: 1-MAY-96

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: ENERGY	Well Name: MON FED 41-18-9-16Y
Project ID: 43-013-31646	Location: SEC. 18 - T09S - R16E

Design Parameters:

Mud weight (8.80 ppg) : 0.457 psi/ft
 Shut in surface pressure : 2308 psi
 Internal gradient (burst) : 0.066 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	5,900	5.500	15.50	K-55	ST&C	5,900	4.825	
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)	
1	2697	4040	1.498	2697	4810	1.78	91.45	222 2.43 J

Prepared by : MATTHEWS, Salt Lake City, Utah

Date : 05-16-1996

Remarks :

Minimum segment length for the 5,900 foot well is 1,500 feet.

SICP is based on the ideal gas law, a gas gravity of 0.75, and a mean gas temperature of 116°F (Surface 74°F , BHT 157°F & temp. gradient 1.400°/100 ft.)

String type: Production

The mud gradient and bottom hole pressures (for burst) are 0.457 psi/ft and 2,697 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

May 16, 1996

Equitable Resources Energy Co.
1601 Lewis Avenue
Billings, Montana 59102

Re: Monument Federal 41-18-9-16Y Well, 497' FNL, 424' FEL,
NE NE, Sec. 18, T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31646.

Sincerely,

R. J. Firth
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

WAPD



Operator: Equitable Resources Energy
Well Name & Number: Monument Federal 41-18-9-16Y
API Number: 43-013-31646
Lease: U-74390
Location: NE NE Sec. 18 T. 9 S. R. 16 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**CULTURAL RESOURCE EVALUATION
OF 11 PROPOSED MONUMENT FEDERAL WELL LOCATIONS
IN THE WELLS DRAW, CASTLE PEAK DRAW,
PLEASANT VALLEY, & PARIETTE BENCH LOCALITIES
OF DUCHESNE COUNTY, UTAH**

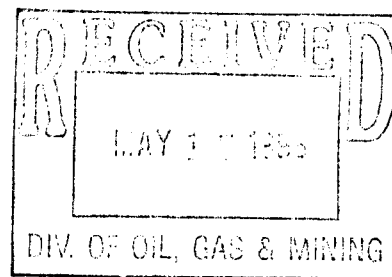
Report Prepared for **Equitable Resources Energy Company**

Dept. of Interior Permit No.: UT-96-54937
AERC Project 1527 (BLCR-96-2)

Utah State Project No.: UT-96-AF-217b

Principal Investigator
F. Richard Hauck, Ph.D.

Author of the Report
F. Richard Hauck



**ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH
CORPORATION (AERC)**

181 North 200 West, Suite 5
Bountiful, Utah 84011-0853

May 10, 1996

ABSTRACT

An intensive cultural resource evaluation has been conducted for Equitable Resources Energy Company of 11 proposed Monument Federal well locations situated on federally administered lands in the Wells Draw, Castle Peak Draw, Pleasant Valley, and Pariette Bench localities of Duchesne County, Utah. This evaluation includes the Monument Federal Units 42-6-9-16Y, 43-6-9-16Y, 11-22-9-16Y, 12-11-9-17Y, 41-18-9-16Y, 14-22-8-17, 24-17-9-16, 44-17-9-16, 22-20-9-16, 42-20-9-16, and 31-5-9-17. This study involved a total of ca. 134.7 acres; 110 acres are associated with the ten acre parcels examined around each of the 11 well locations and 24.7 and acres are associated with the 2.07 miles of access routes associated with eight of the 11 well locations. These investigations were conducted by F.R. Hauck and by Glade Hadden on May 1 and 7, 1996; these archaeologists were assisted by James Merrell of Vernal, Utah.

No previously recorded significant or National Register eligible cultural resources will be adversely affected by the proposed 11 well locations and associated access routes.

No newly identified historic or prehistoric cultural resource loci were identified and recorded during the inventory.

No isolated artifacts were noted during the evaluations.

AERC recommends project clearance based on adherence to the stipulations noted in the final section of this report.

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GENERAL INFORMATION

On May 1 and 7, 1996, AERC archaeologists F. Richard Hauck and Glade Hadden, assisted by James Merrell, conducted intensive cultural resource evaluations of 11 proposed Monument Federal well locations in the Wells Draw, Castle Peak Draw, Pleasant Valley and Pariette Bench localities of Duchesne County, Utah (see Map 1). The purpose of this report is to detail the results of these evaluations, which include the Monument Federal Units 42-6-9-16Y, 43-6-9-16Y, 11-22-9-16Y, 12-11-9-17Y, 41-18-9-16Y, 14-22-8-17, 24-17-9-16, 44-17-9-16, 22-20-9-16, 42-20-9-16, & 31-5-9-17 (see Maps 2 through 7) and access routes associated with eight of the 11 well sites. Some 134.7 acres were examined which include 110 acres associated with the 11 ten acre well pad parcels and 24.7 acres associated with the 2.07 miles of 100 foot-wide access corridor. All proposed pipelines are situated on federal lands administered by the Vernal District of the Bureau of Land Management, Diamond Mountain Resource Area, Vernal, Utah.

The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed development of these well locations and access corridors requires an archaeological evaluation in compliance with U.C.A. 9-8-404, the Federal Antiquities Act of 1906, the Reservoir Salvage Act of 1960-as amended by P.L. 93-291, Section 106 of the National Historic Preservation Act of 1966-as amended, the National Environmental Policy Act of 1969, the Federal Land Policy and Management Act of 1979, the Archaeological Resources Protection Act of 1979, the Native American Religious Freedom Act of 1978, the Historic Preservation Act of 1980, and Executive Order 11593.

In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Bureau of Land Management, Vernal District Office and to the State Antiquities Section.

Project Location

The project location is in the Wells Draw, Castle Peak Draw, Pleasant Valley, and Pariette Bench localities of Duchesne County, Utah. These 11 wells are situated on the Myton SW, Myton SE, and Pariette Draw SW, 7.5 minute topographic quads. The proposed Monument Federal Wells are in the following sections:

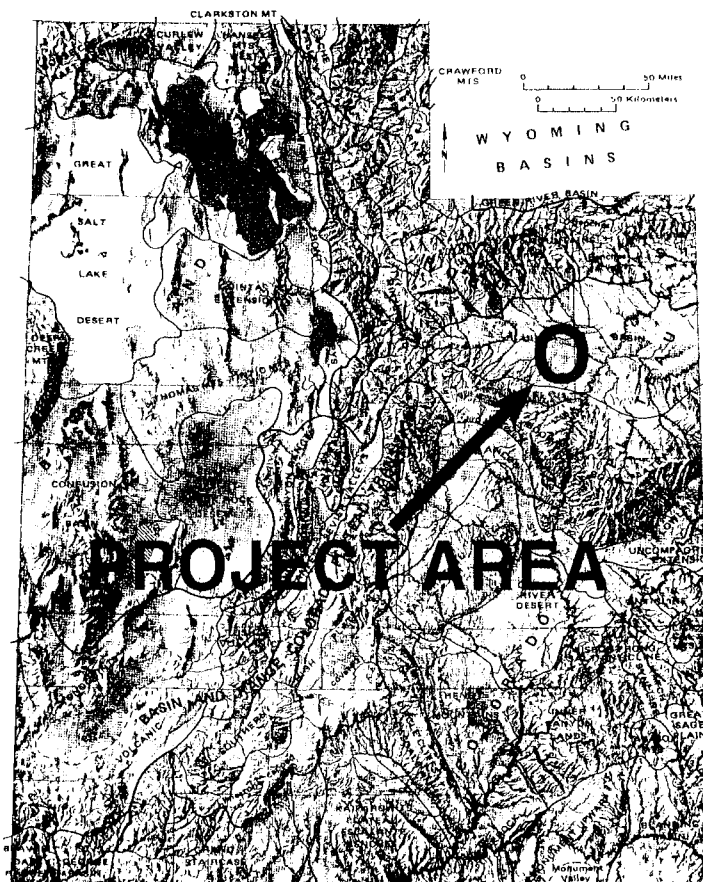
Unit 42-6-9-16Y (see Map 2) is in the southeast quarter of the northeast quarter of Section 6, Township 9 South, Range 16 East, Salt Lake B. & M. Its .3 mile-long access links to an existing two-track to the south of the location;

Unit 43-6-9-16Y (see Map 2) is in the northeast quarter of the southeast quarter of Section 6, Township 9 South, Range 16 East, Salt Lake B. & M.

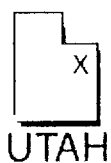
**MAP 1: GENERAL PROJECT LOCALITY
IN
DUCHESNE COUNTY
UTAH**



PROJECT: BLCR - 96 - 2
SCALE: see below
QUAD: see below
DATE: May 10, 1996



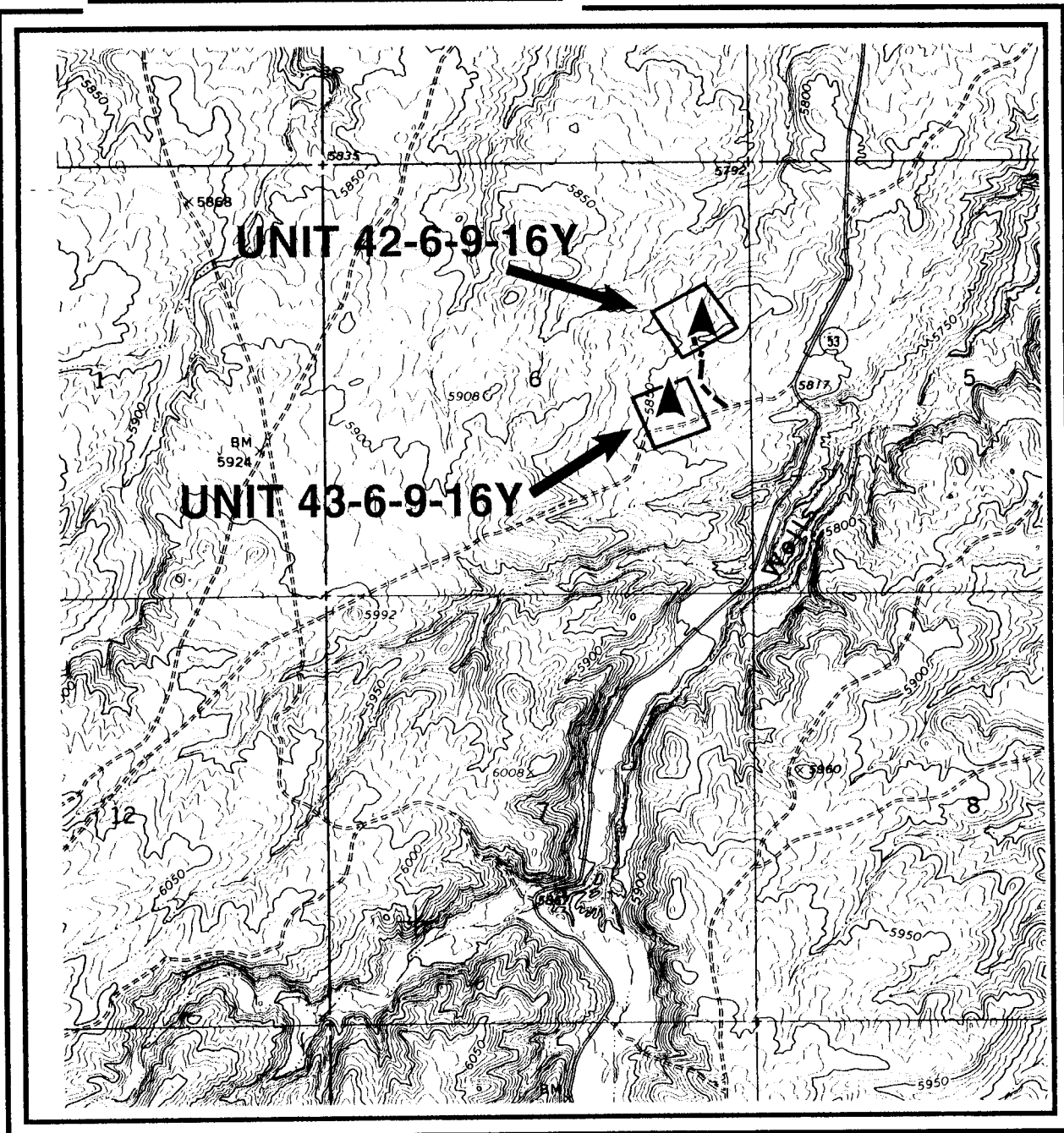
UTAH GEOLOGICAL AND MINERAL SURVEY
 MAP 43 1977
 PHYSIOGRAPHIC SUBDIVISIONS OF UTAH
 BY W.L. STOKES



TOWNSHIP: MULTIPLE
RANGE: MULTIPLE
MERIDIAN: SALT LAKE & UINTAH B. & M.

**MAP 2: CULTURAL RESOURCE SURVEY
OF PROPOSED WELL LOCATIONS IN
THE WELLS DRAW
LOCALITY OF DUCHESNE COUNTY,
UTAH**

PROJECT: BLCR - 96- 2
SCALE: 1: 24,000
QUAD: Myton SW, Utah
DATE: May 10, 1996



TOWNSHIP: 9 South
RANGE: 16 East
MERIDIAN: Salt Lake B. & M.

LEGEND

Well Location ▲

Access Route - - -

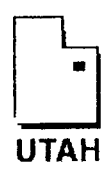
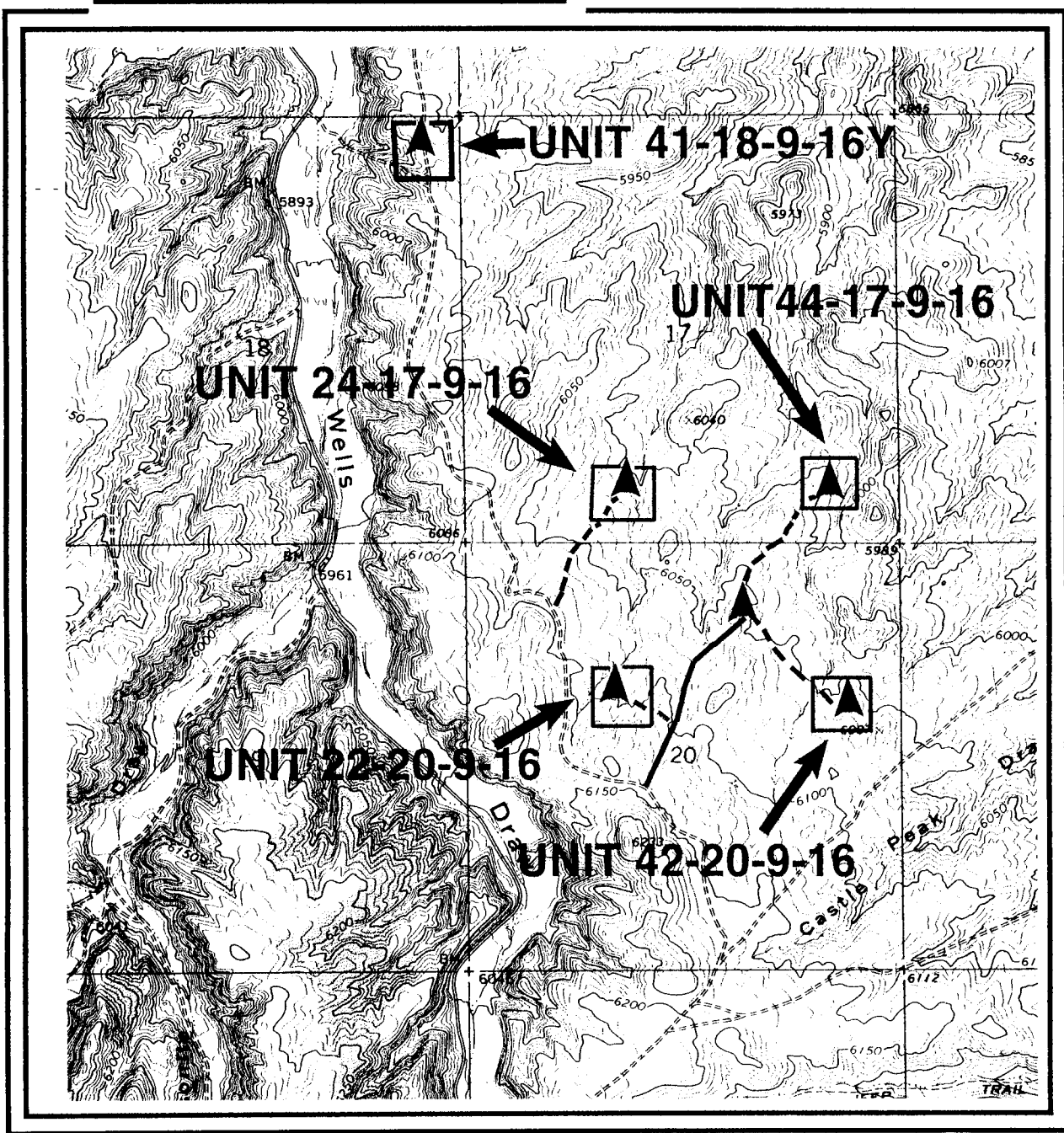
Survey Area □

Pipeline Corridor ↔

**MAP 3: CULTURAL RESOURCE SURVEY
OF PROPOSED WELL LOCATIONS IN
THE WELLS DRAW
LOCALITY OF DUCHESNE COUNTY,
UTAH**



PROJECT: BLCR - 96- 2
SCALE: 1: 24,000
QUAD: Myton SW, Utah
DATE: May 10, 1996



TOWNSHIP: 9 South
RANGE: 16 East
MERIDIAN: Salt Lake B. & M.

LEGEND

Well Location ▲

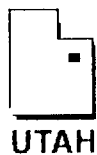
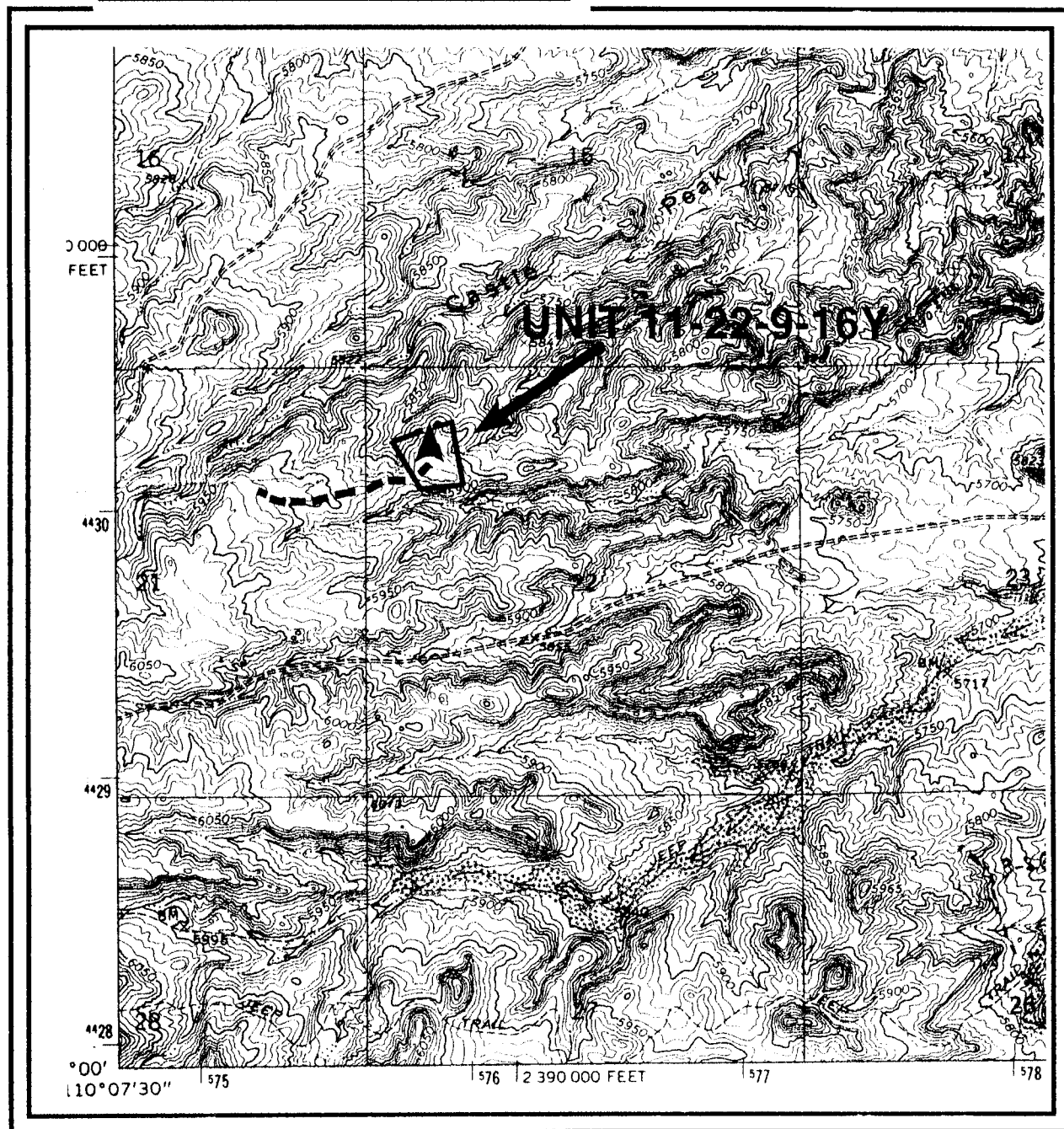
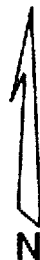
Access Route - - -

Survey Area □

Pipeline Corridor ↔

**MAP 4: CULTURAL RESOURCE SURVEY
OF PROPOSED WELL LOCATIONS IN
CASTLE PEAK DRAW
LOCALITY OF DUCHESNE COUNTY,
UTAH**

PROJECT: BLCR - 96-2
SCALE: 1: 24,000
QUAD: Mylon SE, Utah
DATE: May 10, 1996



TOWNSHIP: 9 South
RANGE: 16 East
MERIDIAN: Salt Lake B. & M.

LEGEND

Well Location



Access Route



Survey
Area

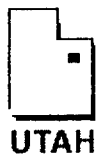
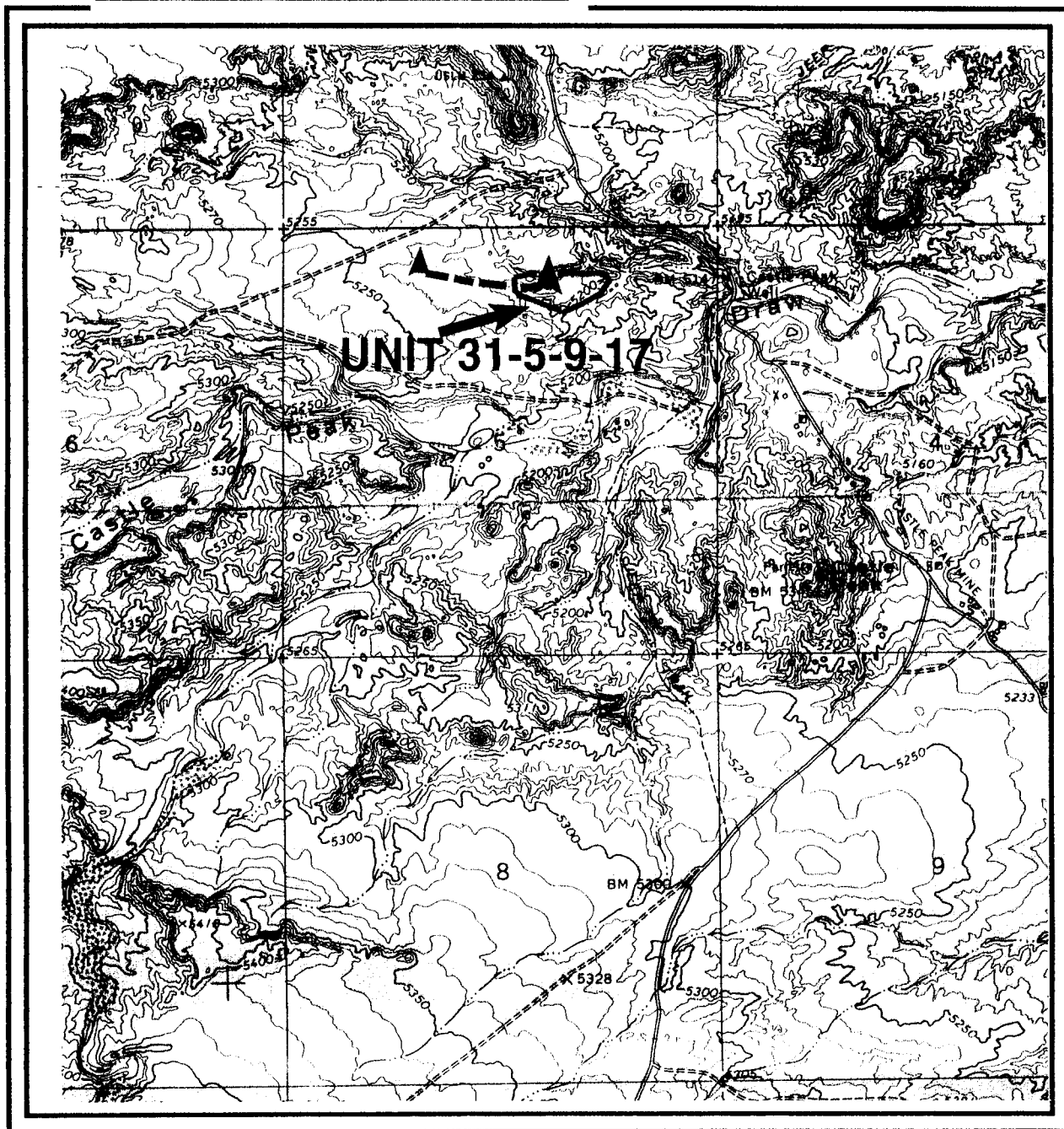


Pipeline
Corridor



**MAP 5: CULTURAL RESOURCE SURVEY
OF PROPOSED WELL LOCATIONS IN
CASTLE PEAK DRAW
LOCALITY OF DUCHESNE COUNTY,
UTAH**

PROJECT: BLCR - 96- 2
SCALE: 1: 24,000
QUAD: Myton SE, Utah
DATE: May 10, 1996



TOWNSHIP: 9 South
RANGE: 17 East
MERIDIAN: Salt Lake B. & M.

LEGEND

Well Location ▲

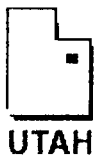
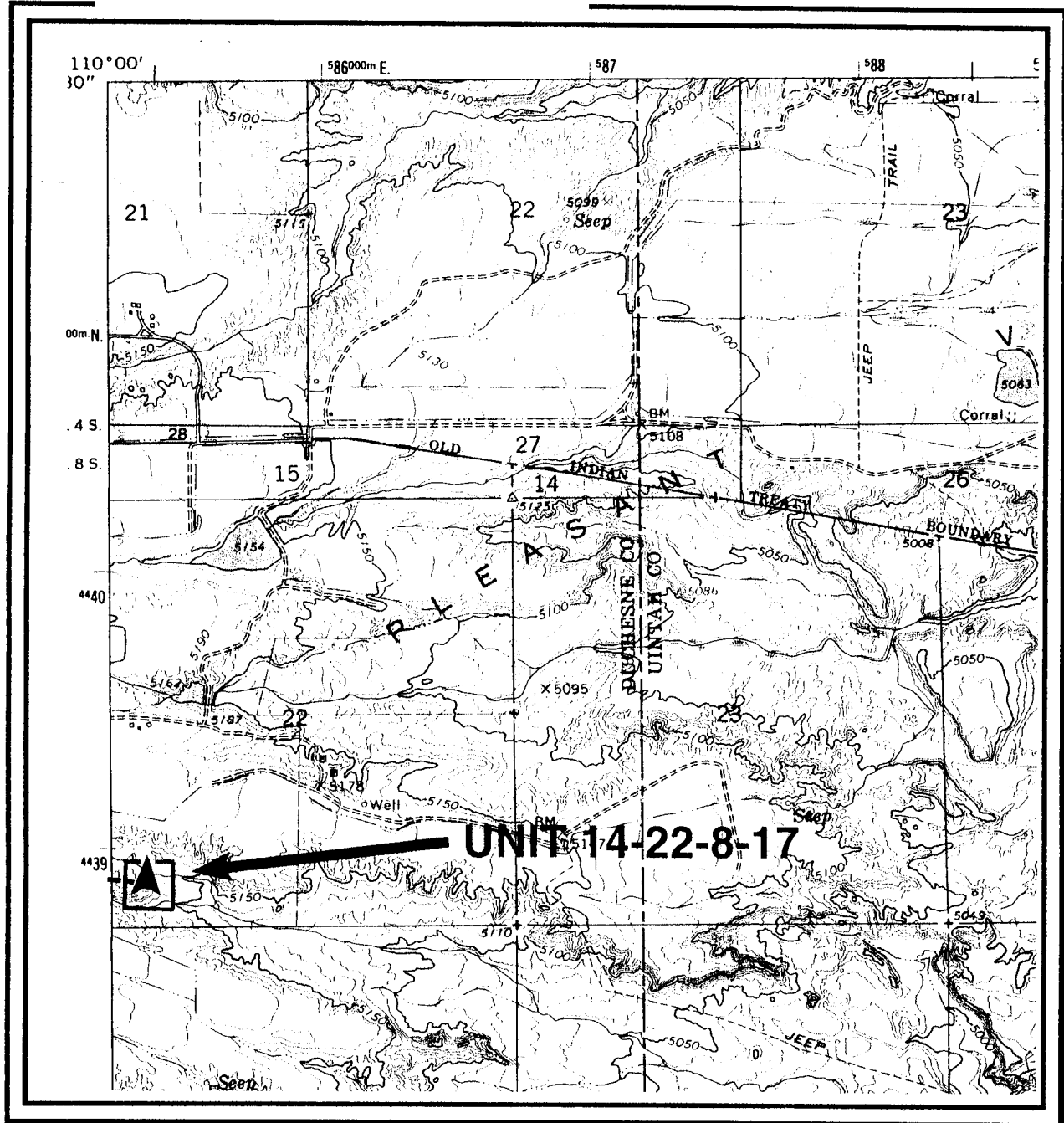
Access Route - - -

Survey Area □

Pipeline Corridor ↗

**MAP 6: CULTURAL RESOURCE SURVEY
OF PROPOSED WELL LOCATIONS IN
THE PLEASANT VALLEY
LOCALITY OF DUCHESNE COUNTY,
UTAH**

PROJECT: BLCR - 96-2
SCALE: 1: 24,000
QUAD: Pariette Draw SW, Utah
DATE: May 10, 1996



TOWNSHIP: 8 South
RANGE: 17 East
MERIDIAN: Salt Lake B. & M.

LEGEND

Well Location ▲

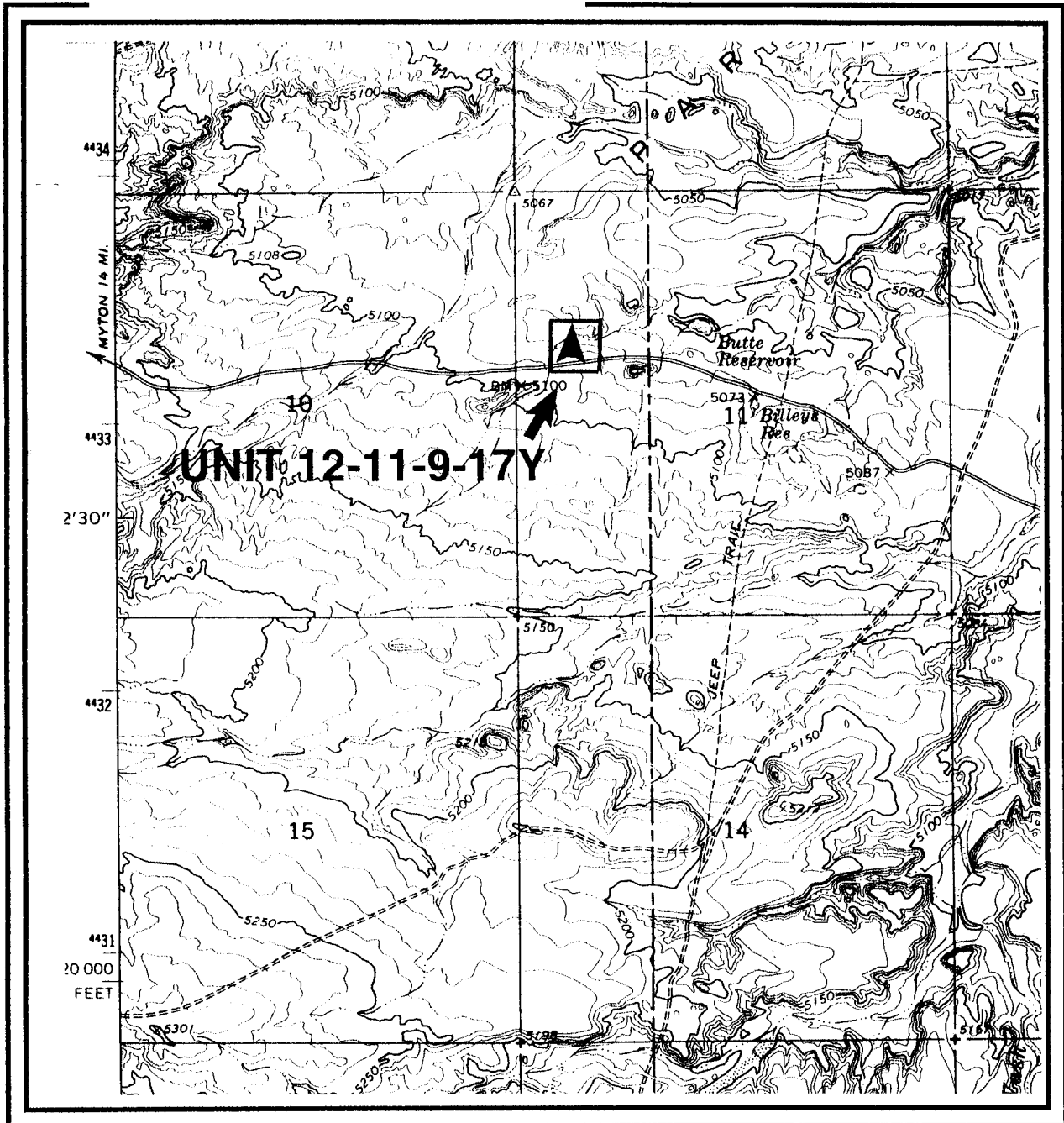
Access Route - - -

Survey Area □

Pipeline Corridor ↔

**MAP 7: CULTURAL RESOURCE SURVEY
OF PROPOSED WELL LOCATIONS IN
THE PARIETTE BENCH
LOCALITY OF DUCHESNE COUNTY,
UTAH**

PROJECT: BLCR - 96- 2
SCALE: 1: 24,000
QUAD: Pariette Draw SW, Utah
DATE: May 10, 1996



TOWNSHIP: 9 South
RANGE: 17 East
MERIDIAN: Salt Lake B. & M.

LEGEND

Well Location



Access Route



Survey
Area



Pipeline
Corridor



Unit 41-18-9-16Y (see Map 3) is in the northeast quarter of the northeast quarter of Section 18, Township 9 South, Range 16 East, Salt Lake B. & M.

Unit 24-17-9-16 (see Map 3) is in the southeast quarter of the southwest quarter of Section 17, Township 9 South, Range 16 East, Salt Lake B. & M. Its .33 mile-long access route links with the county road to the southwest of the location.

Unit 44-17-9-16 (see Map 3) is in the southeast quarter of the southeast quarter of Section 17, Township 9 South, Range 16 East, Salt Lake B. & M. Its .3 mile-long access route links with an existing well location and road to the southwest of the location.

Unit 22-20-9-16 (see Map 3) is in the southeast quarter of the northwest quarter of Section 20, Township 9 South, Range 16 East, Salt Lake B. & M. Its .1 mile-long access route links with an existing road to the southeast of the location.

Unit 42-20-9-16 (see Map 3) is in the southeast quarter of the northeast quarter of Section 20, Township 9 South, Range 16 East, Salt Lake B. & M. Its .23 mile-long access route links with an existing well location to the northwest of the location.

Unit 11-22-9-16Y (see Map 4) is in the northwest quarter of the northwest quarter of Section 22, Township 9 South, Range 16 East, Salt Lake B. & M. Its .38 mile-long access route links with an existing road to the west of the location.

Unit 31-5-9-17 (see Map 5) is in the northwest quarter of the northeast quarter of Section 5, Township 9 South, Range 17 East, Salt Lake B. & M. Its .33 mile-long access route links with an existing well to the west of the location.

Unit 14-22-8-17 (see Map 6) is in the southwest quarter of the southwest quarter of Section 22, Township 8 South, Range 17 East, Salt Lake B. & M. Its .1 mile-long access route links with the county road to the west of the location after passing through a pasture on private land.

Unit 12-11-9-17Y (see Map 7) is in the southwest quarter of the northwest quarter of Section 11, Township 9 South, Range 17 East, Salt Lake B. & M.

Environmental Description

The project area is within the 5100 to 6100 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lakebed surfaces are associated with the project area.

The vegetation in the project area includes *Chrysothamnus* spp., *Artemisia* spp., *Sarcobatus vermiculatus*, *Ephedra viridis*, *Cercocarpus* spp., *Atriplex canescens*, and a variety of grasses.

The geological associations within the project area consist of fluvial lake deposits which correlate with the Uinta Formation which is of Tertiary age.

PREVIOUS RESEARCH IN THE LOCALITY

File Search

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on May 6, 1996. A similar search was conducted in the Vernal District Office of the BLM on April 24, 1996. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Monument Buttes / Castle Peak Draw locality. Many of these prehistoric resources were identified and recorded by AERC during the Mapco River Bend survey (Hauck and Norman 1980). Other sites have been located and recorded by AERC and other archaeologists and consultants during oil and gas exploration inventories (cf., Fike and Phillips 1984, Hauck and Weder 1989, Hauck and Hadden 1993, 1994, 1995).

Prehistory and History of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 -- 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. -- A.D. 300), and Formative (ca. A.D. 400 -- 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 -- 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American trappers, explorers, and settlers. Basically, each cultural stage -- with the possible exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see Archaeological Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

Site Potential in the Project Development Zone

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters containing cobble reduction materials. Many of these quarry sites are of the "Tap and

Test" variety, and extend for tens or hundreds of meters. Open occupations are also frequently being identified in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Plains Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the majority of Late Prehistoric (Numa) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e., Fremont, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and their primary tributary canyons.

Site density in certain portions of the region appears to range from one to four sites per section. These densities increase in the canyon bottoms due to Ute rock art loci. Recent evaluations indicate that the site densities may reach 8 to 12 sites per section in certain localities on the upper benches which were apparently favored for hunting, lithic resource procurement, and camping. Prehistoric sites on the rangeland benches appear to be associated with water courses and aeolian deposits.

FIELD EVALUATIONS

Methodology

Intensive evaluations consisted of the archaeologists walking a series of 15 to 20 meter-wide transects within the ten acre parcel associated with each well pad zone and along a 100 foot-wide corridor centered on the flagged centerline for each of the associated access routes as shown on Maps 2 through 6. Thus, ca. 134.7 acres was inventoried relative to these proposed well locations of which 110 includes the ten acre parcels and ca. 24.7 acres includes the 2.07 miles of various access corridor.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus). The analysis of each specific cultural site results in its subsequently being sketched, photographed, and appropriately recorded on standard IMACS forms.

In certain instances, the cultural sites are then evaluated for depth potential utilizing AERC's portable Ground Penetrating Radar (GPR) computerized system (SIR-2 manufactured by Geophysical Survey Systems, Inc. [GSSI] of North Salem, New Hampshire). GPR was not used during this project.

Cultural sites are then evaluated for significance utilizing the standards described below and mitigation recommendations are considered as a means of preserving significant resources which may be situated within the development zone.

Site Significance Criteria

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or*
- b. that are associated with the lives of persons significant in our past; or*
- c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or*
- d. that have yielded, or may be likely to yield, information important in prehistory or history.*

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

Results of the Inventory

No newly identified prehistoric cultural resource activity loci were observed and recorded during the archaeological evaluations of the proposed plant site and the three pipeline complexes.

No previously recorded cultural resource loci will be adversely effected by the proposed development of these 11 well locations.

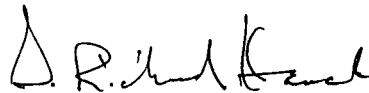
No diagnostic isolated artifacts were observed and recorded during the evaluations.

CONCLUSION AND RECOMMENDATIONS

No known cultural resources will be adversely impacted during the development and operation of the various Monument Federal Units 42-6-9-16Y, 43-6-9-16Y, 11-22-9-16Y, 12-11-9-17Y, 41-18-9-16Y, 14-22-8-17, 24-17-9-16, 44-17-9-16, 22-20-9-16, 42-20-9-16, & 31-5-9-17.

AERC recommends that a cultural resource clearance be granted to Equitable Resources Energy Company relative to the development of these proposed wells and associated access routes based upon adherence to the following stipulations:

1. all vehicular traffic, personnel movement, construction and restoration operations should be confined to the well pad zones, flagged areas, and corridors examined as referenced in this report, and to the existing roadways;
2. all personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area; and
3. the authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.



F. Richard Hauck, Ph.D.
President and Principal
Investigator

REFERENCES

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1984 *A Nineteenth Century Ute Burial from Northeast Utah. Cultural Resource Series*
No. 16, Bureau of Land Management, Salt Lake City.

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1981 Cultural Resource Inventory of Nine Proposed Well Locations and Access Roads in the Coyote Basin Locality of Uintah County, Utah, and in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Diamond Shamrock, DS-81-2, Archeological-Environmental Research Corporation, Bountiful.

1982 Cultural Resource Inventory of Five Proposed Well Locations and Access Roads in the Eightmile Flat and Castle Peak Localities of Uintah and Duchesne Counties, Utah. Report Prepared for Diamond Shamrock, DS-82-5, Archaeological-Environmental Research Corporation, Bountiful.

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1984b Cultural Resource Evaluations of Seven Proposed Well Locations Situated in the Castle Peak Draw Locality of Uintah County, Utah. Report Prepared for Overthrust Oil and Royalty Company, OORC-84-1, Archaeological-Environmental Research Corporation, Bountiful.

1991 Archaeological Evaluations on the Northern Colorado Plateau Cultural Area, AERC Paper No. 45, Archeological-Environmental Research Corporation, Bountiful.

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- 1992c Cultural Resource Evaluations of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-5, Archeological-Environmental Research Corporation, Bountiful.
- 1992d Cultural Resource Evaluation of a Proposed Water Pipeline Corridor in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-6, Archeological-Environmental Research Corporation, Bountiful.
- 1992e Cultural Resource Evaluation of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-8, Archeological-Environmental Research Corporation, cf., Bountiful.
- 1993a Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-1, Archeological-Environmental Research Corporation, Bountiful.
- 1993b Addendum to Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-2, Archeological-Environmental Research Corporation, Bountiful.
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- 1996a Cultural Resource Evaluation of Four Proposed Well Locations and Access Routes in the Castle Peak Draw Locality -- Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-95-8A, Archeological-Environmental Research Corporation, Bountiful.
- 1996b Cultural Resource Evaluation of 13 Proposed Well Locations and Access Routes in the Castle Peak Draw Locality of Uintah and Duchesne Counties, Utah. Report prepared for Balcron Oil Company, BLCR-95-8B, Archeological-Environmental Research Corporation, Bountiful.
- 1996c Cultural Resource Evaluation of Two Proposed Well Locations and Access Routes in the Wells Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-96-1, Archeological-Environmental Research Corporation, Bountiful.

- 1996d Cultural Resource Evaluation of Three Proposed Pipeline Corridor Complexes in the Castle Peak Draw - Pariette Bench Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-96-3, Archeological-Environmental Research Corporation, Bountiful.

Hauck, F. Richard and Glade Hadden

- 1993a Cultural Resource Evaluation of Seven Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-4, Archaeological-Environmental Research Corporation, Bountiful.
- 1993b Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-5, Archaeological-Environmental Research Corporation, Bountiful.
- 1993c Cultural Resource Evaluation of Eight Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-9, Archaeological-Environmental Research Corporation, Bountiful.
- 1993d Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-10, Archaeological-Environmental Research Corporation, Bountiful.
- 1993e Cultural Resource Evaluation of Seven Proposed Wells in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-11, Archaeological-Environmental Research Corporation, Bountiful.
- 1994a Cultural Resource Evaluation of Eight Proposed Wells in the Pleasant Valley Locality of Uintah County, Utah. Report prepared for Balcron Oil Company, BLCR-94-3 Archaeological-Environmental Research Corporation, Bountiful.
- 1994b Cultural Resource Evaluation of Proposed Water Injection Line Lateral Segments in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-94-4, Archaeological-Environmental Research Corporation, Bountiful.

- 1994c Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Pariette Draw - Castle Peak Draw - Eight Mile Flat Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-94-9, Archaeological-Environmental Research Corporation, Bountiful.
- 1994d Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Castle Peak Draw and Eight Mile Flat Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-94-10, Archaeological-Environmental Research Corporation, Bountiful.
- 1994e Cultural Resource Evaluation of Two Proposed Balcron Monument State Well Locations and Access Routes in the Castle Peak Draw Locality of Uintah County, Utah. Report prepared for Balcron Oil Company, BLCR-94-10b, Archaeological-Environmental Research Corporation, Bountiful.
- 1994f Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-94-11, Archaeological-Environmental Research Corporation, Bountiful.
- 1995a Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-95-1 & 2, Archaeological-Environmental Research Corporation, Bountiful.
- 1995b Cultural Resource Evaluation of a Series of Proposed Water Return Pipeline Routes in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-95-7, Archaeological-Environmental Research Corporation, Bountiful.

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Stokes, W.L.

- 1977 Physiographic Subdivisions of Utah. Map 43, Utah Geological and Mineral Survey, Salt Lake City.

U.S.
Department of the Interior
Bureau of Land Management
Utah State Office
(AERC FORMAT)

Summary Report of
Inspection for Cultural Resources

Project
Authorization No. U.9.6.A.F.0.2.1.7.b.

Report Acceptable Yes ___ No ___

Mitigation Acceptable Yes ___ No ___
Comments: _____

WELL LOCATIONS IN THE WELLS DRAW,
CASTLE PEAK DRAW, PLEASANT VALLEY, &
PARIETTE BENCH LOCALITY IN DUCHESNE CO.

1. Report Title Equitable Resources Energy Company

2. Development Company _____

3. Report Date 05 10 1996 UT-96-54937
AERC BLCR - 96 - 2 Duchesne

5. Responsible Institution County _____

6. Fieldwork

Location: TWN .0.8.S. . RNG .1.7.E. . Section.22
TWN .0.9.S. . RNG .1.6.E. . Section 06, 17, 18, 20, 22,
TWN .0.9.S. . RNG .1.7.E. . Section 05, 11

7. Resource Area .SM.

8. Description of Examination Procedures: The archeologist Glade Hadden and assistant James Merrell intensively examined the proposed well locations and associated access & access corridors by walking 10 to 15 meter-wide transects in the ten acre parcels and within the 100 foot-wide corridors on either side of the flagged center-line.

9. Linear Miles Surveyed .2.07 10. Inventory Type I
and/or Definable Acres Surveyed R = Reconnaissance
and/or Legally Undefinable Acres Surveyed .1.34.7 I = Intensive
S = Statistical Sample

11. Description of Findings: No archaeological sites were identified and recorded during this survey.
12. Number Sites Found .0. (No sites = 0)
13. Collection: .N. (Y = Yes, N = No)

14. Actual/Potential National Register Properties Affected:
The National Register of Historic Places (NRHP) has been consulted and no registered properties will be affected by the proposed development.

15. Literature Search, Location/ Date: Utah SHPO 5-6-96 Vernal BLM 4-24-96

16. Conclusion/ Recommendations:

AERC recommends that a cultural resource clearance be granted to Equitable Resources Energy Company for these proposed developments based on the following stipulations: (see reverse)

1. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas, well pads and corridors examined as referenced in this report, and to the existing roadways and/or evaluated access routes.

2. A l l p e r s o n n e l s h o u l d ^{reprimand} ~~ref~~ disturbing any significant cultural resources in the area.

3. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.

17. Signature of Administrator & Field Supervisor

Administrator:



Field
Supervisor:

EQUITABLE RESOURCES CO.

BALCRON OIL

MONUMENT FEDERAL #41-18-9-16Y

43 013 3/646

NE/NE SECTION 18, T9S, R16E, SLB&M

Duchesne County, Utah

PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

ALDEN H. HAMBLIN
PALEONTOLOGIST
235 EAST MAIN
VERNAL, UTAH 84078

MAY 8, 1996

RESULTS OF PALEONTOLOGY SURVEY AT EQUITABLE RESOURCES CO. MONUMENT FEDERAL #41-18-9-16Y, NE/NE Section 18, T9S, R16E, S.L.B.&M, Duchesne Co., Utah.

Description of Geology and Topography-

This well location is 11 miles south and 5 miles west of Myton, Utah, just east of Wells Draw. The wellpad sits on the bench top on an existing road. Much of the surface has sand with angular rock fragments of sandstone and limestone. The southwest corner has an outcrop of rusty sandstone.

All rock outcrops in the area are of the Upper Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains and plant impressions.

Paleontological material found -

The rusty sandstone outcrop at the southwest corner of the wellpad has fossil fish scales and fish bone fragments and impressions of the same material. It also has a few plant impressions. This outcrop is located approximately 105 southwest of the center stake at 206 degrees.

Recommendations-

It is recommended that construction work in the southwest corner should be monitored. This site has the potential to produce some fish and plant specimens as new rock is exposed during construction.

No other recommendations are being made for paleontology at this location.

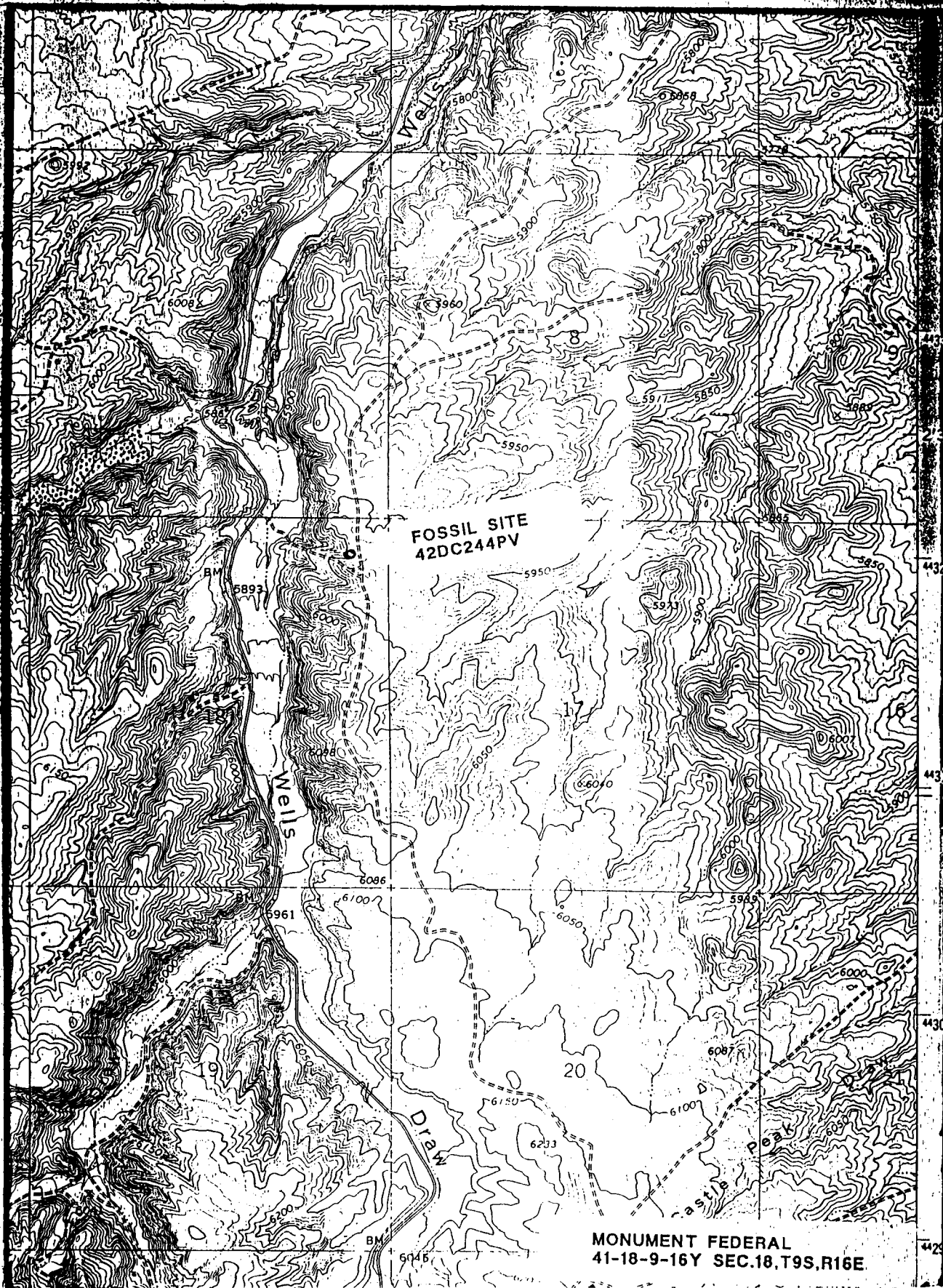
Robert H. Hamblin
Paleontologist

Date May 9, 1996

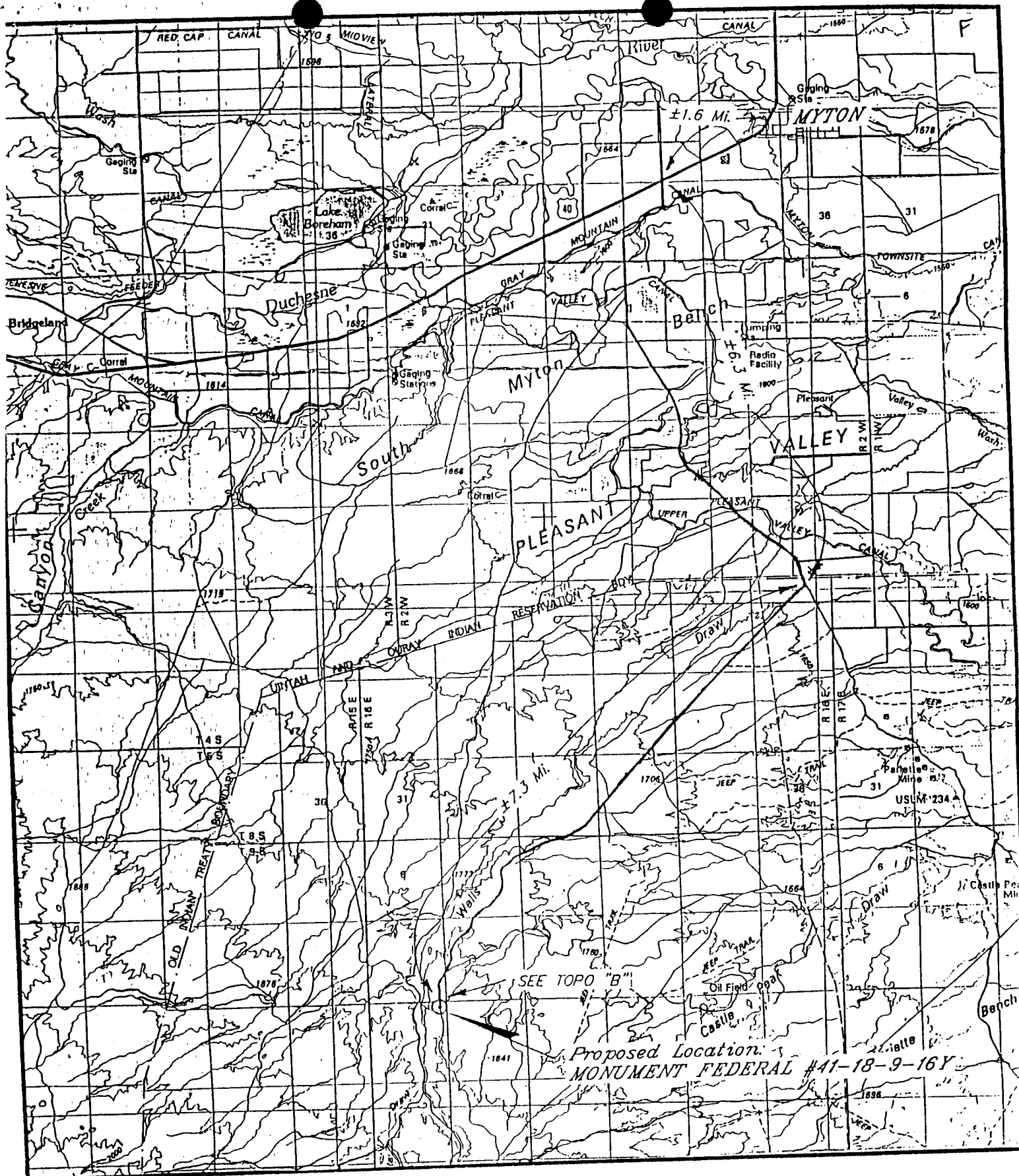
United States
Department of the Interior
Bureau of Land Management

Paleontological Locality Form

1. Permit #/Permittee: BLM - UT-S-95-004 ALDEN H. HAMBLIN
2. Repository/Accn.#: UTAH FIELD HOUSE OF NATURAL HISTORY
3. Locality #: 42DC244PV ☒ Plant ☒ Vertebrate ☐ Invertebrate ☐ Other
4. Formation (and subdivision, if known): Uinta Formation, lower Member
5. Age: Late Eocene 6. County: Duchesne
7. BLM District: VERNAL 8. Resource Area: Diamond Mt.
9. Map name: Myton SW, Utah 10. Map source: U.S.G.S. 7 1/2 min. Quad.
11. Map scale: 1:24,000 12. Map edition: 1964
13. Latitude (deg., min., sec., direction): _____
14. Longitude (deg., min., sec., direction): _____
- or: UTM Grid Zone: 12 T 572160 mE 4431960 mN
15. Survey (Section, Township & Range): SW, NE, NE, NE, Sec. 6, T9S, R16E, SLBM
16. Taxa observed/collected: The rusty sandstone outcrop at the southwest corner of the wellpad has fossil fish scales and fish bone fragments and impressions of the same material. It also has a few plant impressions. This outcrop is located approximately 105 southwest of the center stake at 206 degrees.
17. Discoverer(s)/Collector(s): Alden H. Hamblin
18. Date(s): April 25, 1996
19. Remarks: This fossil site was found during the paleontology survey of Equatable Resources Balcron Federal #41-18-9-16Y.

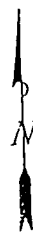


MONUMENT FEDERAL
41-18-9-16Y SEC.18.T9S,R16E



EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #41-18-9-16Y
 SEC. 18, T9S, R16E, S.L.B.&M.
 TOPO "A"



Tri State
 Land Surveying, Inc.
 (801) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078



EQUITABLE RESOURCES
ENERGY COMPANY

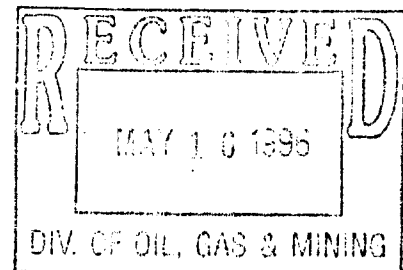
WESTERN REGION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

May 14, 1996

Mr. Mike Hebertson
State of Utah
Division of Oil, Gas and Mining
355 W. North Temple
Salt Lake City, UT 84180



Dear Mr. Hebertson:

RE: Monument Federal #41-18-9-16Y
NE NE Section 18, T9S, R16E
Duchesne County, Utah

As operator, we hereby request an exception to location for the referenced well. The location was moved at the onsite at the request of the Bureau of Land Management due to topographical reasons. Attached is an Affidavit stating that the surrounding acreage is currently under lease to parties who have an interest in the referenced well.

If you have any questions, please do not hesitate to give me a call at (406) 259-7860, extension 240.

Sincerely,

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs
Attachment

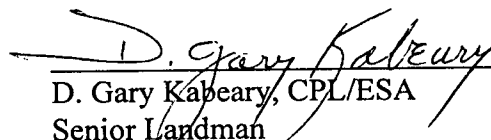
STATE OF MONTANA)
) SS.
COUNTY OF YELLOWSTONE)

AFFIDAVIT

The undersigned, of lawful age, being first duly sworn deposes and says that he, D. Gary Kabeary, is the Senior Landman of Equitable Resources Energy Company, Western Region (EREC) located in Billings, Montana and he states that he has knowledge of the attached map and the exception location that EQUITABLE RESOURCES ENERGY COMPANY, WESTERN REGION is seeking, with regard to the placement of the Monument Federal # 41-18-9-16Y well.

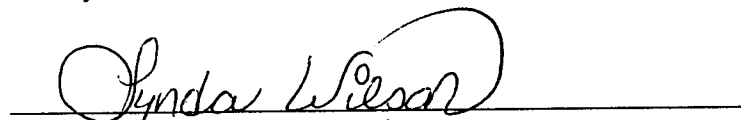
The acreage within a one-half mile perimeter of the proposed well-bore, which includes federal lease numbers U- 52018, U-64379 and U-74390 are currently under lease to parties who have an interest in the Monument Federal #41-18-9-16Y well: to wit: Equitable Resources Energy Company, Yates Petroleum Corporation, Abo Petroleum Corporation, Myco Industries, Inc., and Yates Drilling Company.

Further affiant, saith not.

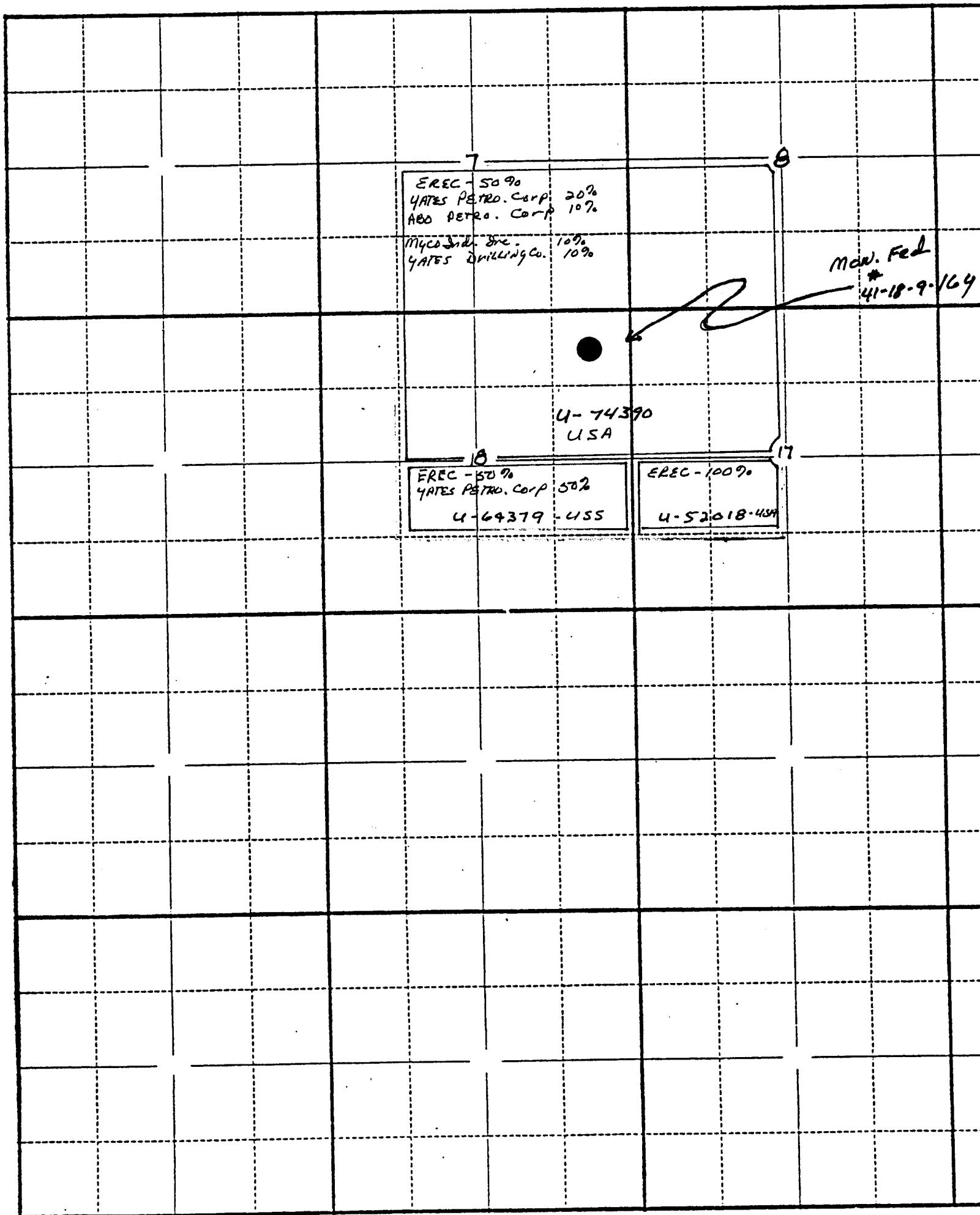

D. Gary Kabeary, CPL/ESA
Senior Landman

Subscribed and sworn to before me this 13th day of May, 1996.

Notary Public in and for Yellowstone County, Montana


Notary Public for the State of Montana
My Commission expires : 11-18-98

Township, 9S Range, 16E County, Duchesne State, UTAH



ALL Three Leases

U-52018
U-64379
U-74390

USA-BLM
Surface.

VERNAL District Office
VERNAL, UTAH 84078

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

5. LEASE DESIGNATION AND SERIAL NO.

U-74390

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
n/a

7. UNIT AGREEMENT NAME
n/a

8. FARM OR LEASE NAME
Monument Federal

9. WELL NO.
#41-18-9-16Y

10. FIELD AND POOL, OR WILDCAT
Monument Butte/Green River

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
18, T9S, R16E

12. COUNTY OR PARISH
Duchesne

13. STATE
UTAH

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

B. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

NE NE Section 18, T9S, R16E

497' FNL, 424' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

From Myton, UT approximately 10 mi SW

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GP, etc.)

6,019' GL

22. APPROX. DATE WORK WILL START*

June 1, 1996

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached	Drilling Program/Casing Design			

RECEIVED

APR 29 1996

Operator intends to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)

COPY; Utah Division of Oil, Gas and Mining (Salt Lake City, UT)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bobbie Schuman
Bobbie Schuman

Regulatory and

TITLE Environmental Specialist

DATE April 26, 1996

(This space for Federal or State office use)

PERMIT NO.

43-013-31646

APPROVAL DATE

ASSISTANT DISTRICT
MANAGER MINERALS

DATE

MAY 28 1996

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

NOTICE

CONDITIONS OF APPROVAL ATTACHED

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Equitable Monument Federal 41-18-9-16Y

API Number: 43-013-31646

Lease Number: U - 74390

Location: NENE Sec. 18 T. 9S R. 16E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

The Operator shall follow all stipulations of Lease U-74390 and Conditions of Approval.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

The Vernal Field Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at 1,321 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal Field Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. .Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to ± 1121 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core

analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal Field Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed

to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on initial meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal Field Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (801) 789-7077
Petroleum Engineer

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PLAN OF OPERATIONS
Conditions of Approval (COAs)

Other Additional Information:

a. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocate activities to avoid expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

b. The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered lands it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or hazardous chemicals.

c. The topsoil stockpile is placed on the layout diagram so as to act as a buffer for noise on the North side of the pad. This pile should be a noise barrier rather than a windrow.

d. In order to protect eagle nesting habitat, a multi cylinder engine shall be used to power the well production equipment. This would reduce noise levels associated with production and thus limit impacts to nesting sites regarding their future suitability.

e. A BLM representative shall be on site prior to any surface disturbance in the southwest part of the location in order to monitor construction for presence of paleontologic resources.

CONFIDENTIAL

SPUDDING INFORMATION

Name of Company: EQUITABLE RESOURCES

Well Name: MONUMENT FEDERAL 41-18-9-16Y

Api No. 43-013-31646

Section 18 Township 9S Range 16E County DUCHE SNE

Drilling Contractor UNION

Rig #: 17

SPUDDDED:

Date: 6/20/96

Time: _____

How: ROTARY

Drilling will commence: _____

Reported by: D. INGRAM-DOGM

Telephone #: _____

Date: 6/24/96 Signed: JLT



EQUITABLE RESOURCES
ENERGY COMPANY

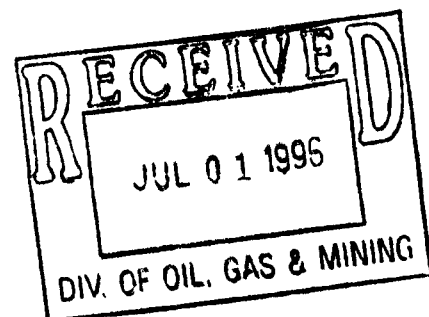
WESTERN REGION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☐

June 28, 1996

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078



Gentlemen:

RE: Monument Federal #41-18-9-16Y
NE NE Section 18, T9S, R16E
Duchesne County, Utah
API #43-013-31646

This letter is notice that the subject well was spud on 6-20-96.

Please feel free to contact me if you have any questions.

Sincerely,

Molly Conrad
Operations Secretary

/mc

cc: Utah Division of Oil, Gas, & Mining: Also enclosed Form 6 Entity Action
Form
Mary Lou Dixon, Uintah Basin Health Dept. - VIA FAX
Yates Petroleum
Isabel - MYCO - VIA FAX

STATE OF MONTANA
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR Equitable Resources Energy Co.
ADDRESS 1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860

OPERATOR ACCT. NO. N 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11941	43-013-31646	Monument Fed. #41-18-9-16Y	NE NE 18		9S	16E	Duchesne	6-20-96	6-20-96

ELL 1 COMMENTS:

Spud of a new well.

Entity added 7-2-96. Lc

ELL 2 COMMENTS:

ELL 3 COMMENTS:

ELL 4 COMMENTS:

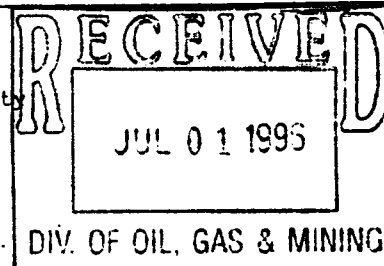
ELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

/89)



Molly Conrad
Signature
Operations Secretary
Title
6-28-96
Date
Phone No. ()



EQUITABLE RESOURCES
ENERGY COMPANY

WESTERN REGION

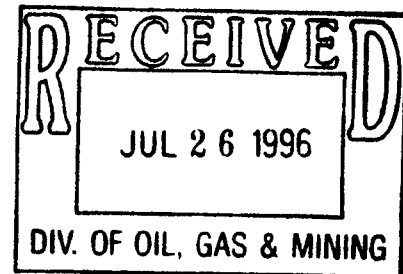
1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☐

CONFIDENTIAL

July 23, 1996

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078



Gentlemen:

RE: Monument Federal #41-18-9-16Y
NE NE Section 18, T9S, R16E
Duchesne County, Utah
API #43-013-34646

This letter will serve as notice that first production on the subject well was on
7-19-96 @ 2:10 p.m.

Please feel free to contact me if you need any additional information.

Sincerely,

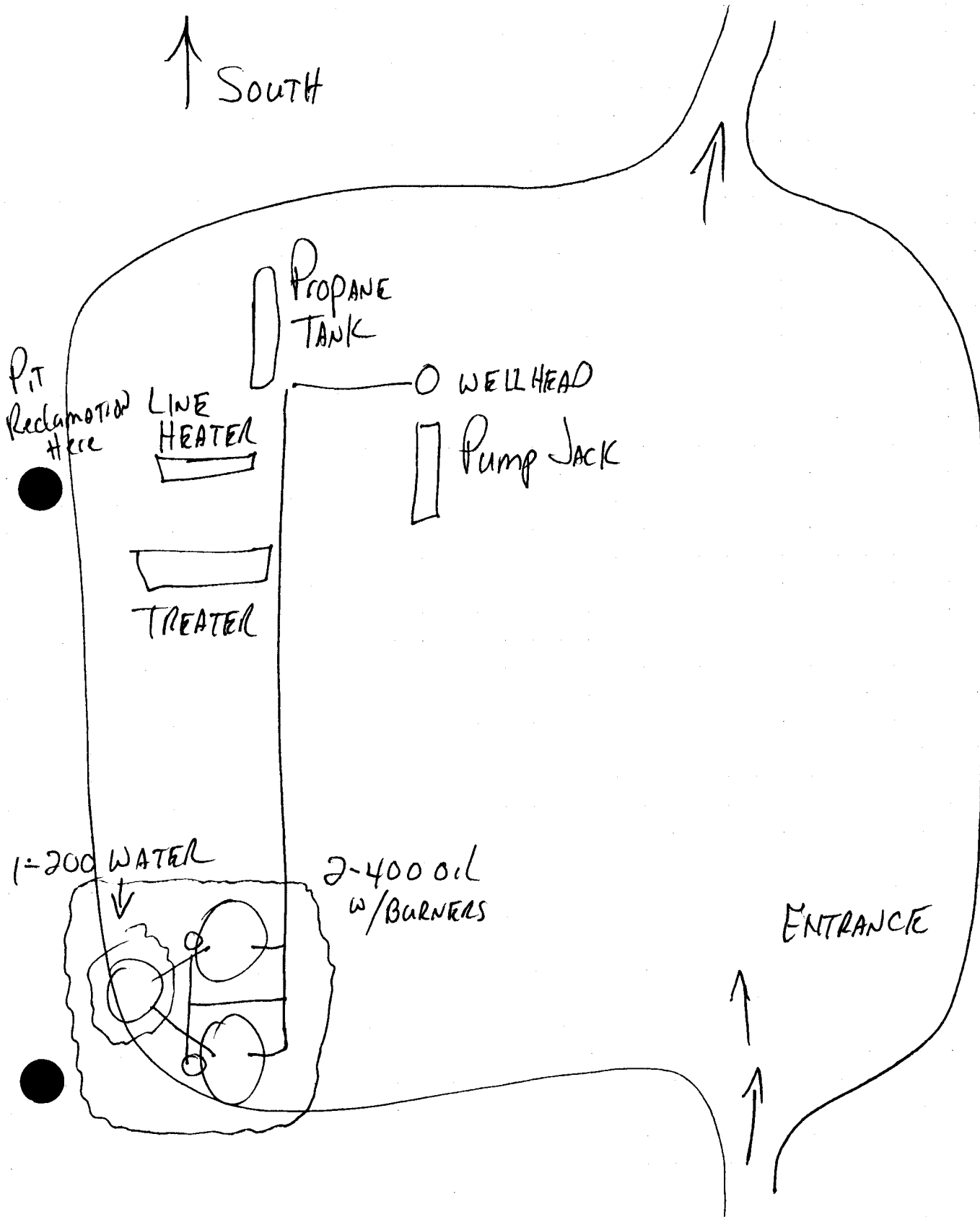
Molly Conrad
Operations Secretary

/mc

cc: State of Utah, Division of Oil, Gas, & Mining
Isabel, MYCO Ind. - VIA FAX
Yates Petroleum

EQUITABLE RESOURCES
MON BUTTE FED # 41-18-7-164
SEC 18; T9S; R16E
POW 7/30/96 LTH

43-013-31646





EQUITABLE RESOURCES
ENERGY COMPANY

WESTERN REGION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☐

August 23, 1996

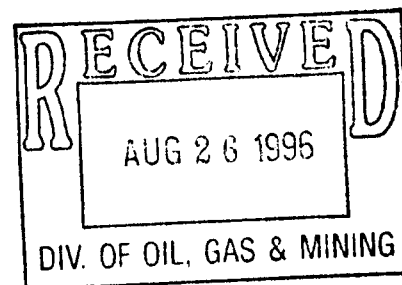
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

Gentlemen:

RE: Monument Federal #41-18-9-16Y
NE NE Section 18, T9S, R16E
Duchesne County, Utah
API #43-013-31646

Enclosed for your files are the following:

Completion Report
Onshore Order #7
Report of Water Encountered
Daily Operating Reports



I will forward Site Security Diagram within 30 days. Please feel free to contact me if you need any further information.

Sincerely,

Molly Conrad

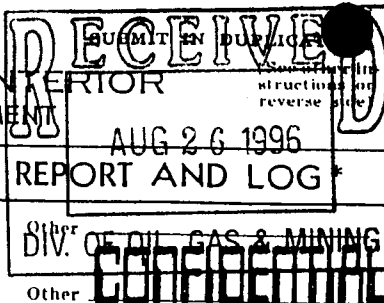
Molly Conrad
Operations Secretary

/mc

Enclosures

cc: State of Utah, Division of Oil, Gas, & Mining
Isabel - MYCO Industries
Yates Petroleum
Lou Ann Carlson
Valeri Kaae

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other ☐
2. NAME OF OPERATOR
Equitable Resources Energy Comdpay
3. ADDRESS OF OPERATOR
1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 497' FNL & 424' FEL
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
U-74390
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
n/a
7. UNIT AGREEMENT NAME
n/a
8. FARM OR LEASE NAME
Monument Federal
9. WELL NO.
41-18-9-16Y
10. FIELD AND POOL, OR WILDCAT
Monument Butte/Green River
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 18, T9S, R16E

12. COUNTY OR PARISH
Duchesne
13. STATE
Utah
14. PERMIT NO.
43-013-31646
DATE ISSUED
5-16-96
15. DATE SPUDDED
6-20-96
16. DATE T.D. REACHED
6-27-96
17. DATE COMPL. (Ready to prod.)
7-19-96
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
6019' GL
19. ELEV. CASINGHEAD
n/a
20. TOTAL DEPTH, MD & TVD
5900'
21. PLUG, BACK T.D., MD & TVD
5838'
22. IF MULTIPLE COMPL., HOW MANY*
n/a
23. INTERVALS DRILLED BY
SFC - TD
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4250' - 5310' Green River
25. WAS DIRECTIONAL SURVEY MADE
No
26. TYPE ELECTRIC AND OTHER LOGS RUN
LDT/CNLGR/CL CBL/GR DLL/GR ASIEP SPAL
MUD LOG 7-2-96
27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	264.6' KB	12-1/4"	160 sxs Class "G" w/additives	None
5-1/2"	15.5#	5884.15' KB	7-7/8"	300 sxs Super "G" w/additives	None
				360 sxs 50/50 POZ w/additives	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
n/a				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5382.33' KB	n/a

31. PERFORATION RECORD (Interval, size and number)

5244' - 55' (2 SPF)	4737' - 42' (7 holes)
5258' - 64' (2 SPF)	4959' - 65' (7 holes)
5283' - 95' (2 SPF)	4250' - 54' (4 SPF)
5301' - 10' (2SPF)	4290' - 4300' (4SPF)
5273' - 77' (2 SPF)	4304' - 07' (4 SPF)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Please see attachment.	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
7-19-96	1-1/2" Insert Pump	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-6-96	24	n/a		67	N.M.	37	N.M.

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
n/a	n/a		67	N.M.	37	34

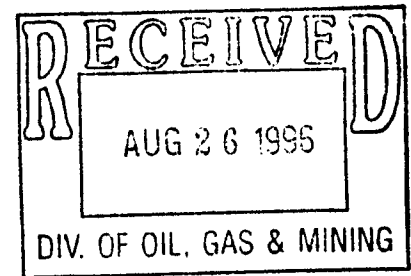
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Used for fuel or sold
TEST WITNESSED BY
Dale Griffin

35. LIST OF ATTACHMENTS
Section 32.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Molly Conrad TITLE Operations Secretary DATE 8-23-96

*(See Instructions and Spaces for Additional Data on Reverse Side)



Attachment to Completion Report
Monument Federal #41-18-9-16Y
NE NE Section 18, T9S, R16E
Duchesne County, Utah

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

5244' - 5310'	Break down with 4,166 gallons 2% KCL water. Fracture with 54,070# 20/40 mesh sand and 98,380# 16/30 mesh sand with 42,168 gallons 2% KCL gelled water.
4959' - 4965'	Break down with 1,554 gallons 2% KCL water.
4737' - 4742'	Break down with 1,974 gallons 2% KCL water.
4250' - 4254'	Break down with 1,512 gallons 2% KCL water.
4290' - 4307'	Break down with 2,520 gallons 2% KCL water.
4250' - 4307'	Fracture with 78,230# 16/30 mesh sand with 22,470 gallons 2% KCL gelled water.
4737' - 4965'	Fracture with 50,000# 16/30 mesh sand with 18,900 gallons 2% KCL gelled water.

/mc

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
U-74390

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Monument Fed. #41-18-9-16Y

9. API Well No.

43-013-31646

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE NE Section 18, T9S, R16E
497' FNL & 424' FEL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

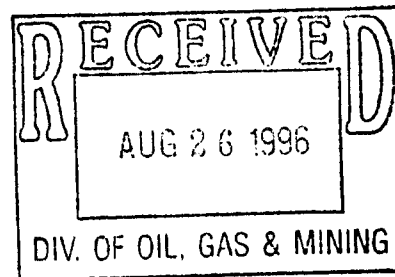
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Onshore Order #7
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used is the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, Utah. A copy of the State-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary disposal facility, the produced water will be trucked to another State-approved disposal facility. If applicable, Operator has received approved Right-of-Way access to this well location for the Vernal Bureau of Land Management.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**



14. I hereby certify that the foregoing is true and correct

Signed

Molly Conrad

Title

Operations Secretary

Date

8-23-96

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

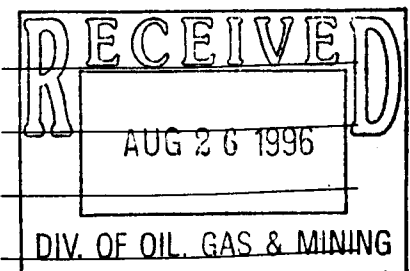
STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Monument Federal #41-18-9-16Y
API number: 43-013-31646
2. Well Location: QQ NE NE Section 18 Township 9S Range 16E County Duchesne
3. Well operator: Equitable Resources Energy Company
Address: 1601 Lewis Avenue
Billings, MT 59102 Phone: (406) 259-7860
4. Drilling contractor: Union Drilling
Address: Drawer 40
Buckhannon WV 26201 Phone: (304) 4721-4610
5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
		No measurable water encountered	
		during drilling operations.	

6. Formation tops: Please see completion report.



If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 8-23-96

Name & Signature: Molly Conrad

Molly Conrad

Title: Operations Secretary

DAILY OPERATING REPORT

Monument Federal #41-18-9-16Y

Location: NE NE Section 18, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

497' FNL, 424' FEL

API # 43-013-34646

PTD: 5900' Formation: Green River

Prospect: Monument Butte

Elevations: 6019' GL

Contractor: Union Drilling

Operator: EREC Western Region

Spud: 6-20-96

Casing: 8-5/8", 24#, J-55 @ 264.6' KB

5-1/2", 15.5#, J-55 @ 5884.15' KB

Tubing: 2-7/8", 6.5#, J-55 @ 5382.33' KB

06/20/96 Spud well @ 4:00 PM on 6/20/96.

06/21/96 TD: 280' (280') Day 1
Formation: Sand & Shale
Present Operation: Wait on Cement
Ran 8-5/8", 24#, J-55 csg as follows:

Shoe	.90'
Shoe jt.	42.10'
Baffle Plate	0.00'
5 jts csg	211.60'
Total csg length	254.60'
Landing jt	10.00'
Depth landed	264.60' KB

Cement csg with 160 sxs 'G' + 2% CaCl + 1/4#/sx cello flake by BJ Services. Plug down @ 1:30 AM on 6-21-96. Return 4 bbls excess to pit.

DC: \$5,040

CC: \$5,040

06/22/96 TD: 1156' (876') Day 2
Formation: Sand & Shale
Present Operation: Drill 7-7/8" hole.
DC: \$15,768

CC: \$20,808

06/23/96 TD: 2613' (1457') Day 3
Formation: Sand & Shale
Present Operation: Drilling 7-7/8" hole.
DC: \$26,226

CC: \$47,034

06/24/96 TD: 3850' (1237') Day 4
Formation: Sand & Shale
Present Operation: Drilling 7-7/8" hole.
DC: \$22,266

CC: \$69,300

DAILY OPERATING REPORT

Monument Federal #41-18-9-16Y

Location: NE NE Section 18, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

6-25-96 TD: 4,492' (642') Day 5
Formation: Sand & Shale
Present Operation: Drilling
DC: \$11,556

CC: \$80,856

6-26-96 TD: 5,558' (1,066') Day 6
Formation: Sand & shale
Present Operation: Drilling
Drill & survey.
DC: \$19,188

CC: \$100,044

06/27/96 TD: 5900' (342') Day 7

Present Operation: Cementing 5-1/2" csg

Last 24 hrs drilled 342' of 7-7/8" hole w/fluid, laid down DP & DC, hogged well, ran 5874' of 5-1/2", 15.5#, J-55 csg as follows:

Shoe	.90'
Shoe jt	43.02'
Float collar	1.10'
137 jts csg	5829.13'
Total csg length	5874.15'
Set jt	10.00'
Depth landed	5884.15' KB
PBTD	5839.13' KB

Cemented with a lead = 300 sxs super "G" + 3% salt + 2% gel + 2#/sx Kol-seal + 1/4#/sx cello flakes + 20# of static free. Tail = 360 sxs 50/50 poz + 2% gel + 1/4#/sx cello flake + 2#/sx Kol-seal. Plug down @ 5:15 AM, release rig @ 9:30 AM.

DC: \$6,156

CC: \$106,200

06/28/96 Set slips on 5-1/2" csg, RDMO. Wait on completion.

DAILY OPERATING REPORT

Monument Federal #41-18-9-16Y

Location: NE NE Section 18, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

06/28/96 Completion

Dress up location, set rig anchors, set rig pump & tanks. MIRU Cannon Well Service Rig #2. NU 5M well head, NU BOP. SWI until 7/1/96.

07/01/96 Completion

TIH w/4-3/4" bit, 5-1/2" csg scrapper & 190 jts 2-7/8" tbg. Tag PBTD @ 5838' KB. Circulate hole clean w/135 bbls 2% KCL wtr. TOOH w/tbg & tools. RU Schlumberger to run CBL & perf. Run CBL from 5827' KB to 700' KB. TOC @ 908' KB. Perf 5244' - 5255', 5258' - 5264', 5273' - 5277', 5283' - 5295', 5301' - 5310', 2 SPF. RD Schlumberger. TIH w/RBP, retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-3/8" x 2-7/8" cross over, 2-7/8" SN & 173 jts tbg. Set BP @ 5359' KB, EOT @ 5172' KB, pkr @ 5164' KB. SWIFN.

DC: \$16,123

CC: \$122,323

07/02/96 Completion

RU BJ Services to break down 5244' - 5310' as follows: used 4116 gals 2% KCL wtr w/200 ball sealers, saw ball action, no ball off. ATP = 3000 psi, ATR = 5.7 bpm, ISIP = 1550 psi. Used 98 bbls wtr. TOOH w/tbg, pkr & retrieving tool. Flow back 15 bbls wtr. RU to frac 5244' - 5310'. Frac w/42,168 gals 2% KCL wtr, 54,070 lbs 20/40 sand, & 98380 lbs 16/30 sand. ATP = 2500 psi, ATR = 36.5 bpm, ISIP = 2600 psi, 5 min = 2300 psi, 10 min = 2160 psi, 15 min = 1950 psi, 30 min = 1670 psi. Used 1004 bbls wtr. Start forced closure flow back, 1.0 bpm. Flowed back 450 bbls wtr, 0 bbls oil, trace of sand. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-7/8" SN, & 167 jts 2-7/8" tbg. Tag sand @ 5182' KB. Circulate down to BP @ 5359' KB. Set pkr @ 5164' KB. SWIFD.

DC: \$44,031

CC: \$166,354

07/03/96 Completion

Fluid level @ surface. Bleed well down. Flow back 5 bbls wtr. Made 40 swab runs. Recovered 5 bbls oil & 190 bbls wtr, good gas. No sand last 16 runs. Oil 10% last 5 runs. Fluid level 2300' last 4 runs. Shut well in until 07/05/96.

DC: \$2,021

CC: \$168,375

DAILY OPERATING REPORT

Monument Federal #41-18-9-16Y

Location: NE NE Section 18, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

7-8-96

Completion

RU BJ Services to frac 4737'-4965' w/50,000# 16/30 mesh sand w/18,900 gals 2% KCL gelled wtr. ATP 3450 psi, ATR 33.5 bpm, ISIP 1980 psi, 5 min 1680 psi, 10 min 1600 psi, 15 min 1540 psi. 7 bbls to load hole. RU Schlumberger to set HE BP, couldn't get BP below 4294' KB, could not get BP above 4207' KB. Set wireline BP @ 4227' KB, POOH w/wireline. TIH w/retrieving tool & 136 jts 2-7/8" tbg, release HE BP. RIH to 4650', TOO H w/tbg & HE BP. Found small amount of sand on BP. No flow back from frac on 4727'-4965'. RU Schlumberger & perf 4250'-54, 4290'-4300' & 4304'-07' (4 SPF). TIH w/TE retrievable BP, retrieving tool, 2-3/8" x 4' sub, HD packer, 2-7/8" SN & 137 jts, set BP @ 4281' KB, EOT @ 4216' KB, packer @ 4209 KB. RU BJ Services & break down 4250'-54' w/1,512 gals 2% KCL wtr. ATP 2450 psi, ATR 4 bpm, ISIP 1700 psi. Reset BP @ 4340' KB, EOT @ 4277', packer @ 4277' KB, flow back 10 BW & break down 4290'-4307' w/2,520 gals 2% KCL wtr. ATP 2250 psi, ATR 4.9 bpm, ISIP 1500 psi. TOO H w/tbg, packer & retrieving tool. Frac 4250-4307' w/78,230# 16/30 mesh sand w/22,470 gals 2% KCL gelled wtr. ATP 2350 psi, ATR 32.5 bpm, ISIP 2350 psi, 5 min 1840 psi, 10 min 1660 psi, 15 min 1540 psi. Start forced closure flow back, .5 bpm, flow back 15 BW. SIWFFN. 1688 BLWTR.

DC: \$63,396

CC: \$231,771

07/09/96

Completion

Bleed well down. Flowed back 95 bbls wtr. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-7/8" SN, 135 jts tbg. Tag sand @ 4190' KB. Circulate down to BP @ 4345'. Release BP. TOO H w/tbg, pkr & BP. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-7/8" SN, & 151 jts tbg. Tag sand @ 4700' KB. Circulate down to BP @ 5021'. Pull up and set pkr @ 4209' KB. Made 25 swab runs. Recovered trace of oil, 125 bbls wtr. Gas cut. 1% sand. Fluid level 1800' last 2 runs. SWIFD.

DC: \$2,111

CC: \$233,882

07/10/96

Completion

Fluid level 600'. Trace of oil, gas cut. Made 22 swab runs. Recovered 1 bbl oil & 108 bbls wtr. Last run 5% oil, no sand, gas cut. Unset pkr, tag sand @ 4980' KB, reset pkr @ 4209' KB. Made 9 swab runs. Recovered 10 bbls oil, 34 bbls wtr, good gas, no sand. Oil 10% last 3 runs. Fluid level 1800' last 2 runs. Release pkr, tag sand @ 4930' KB. Circulate down to BP @ 5021' KB. Release BP. TOO H w/tbg, pkr, & BP. SWIFD.

DC: \$2,103

CC: \$235,985

DAILY OPERATING REPORT

Monument Federal #41-18-9-16Y

Location: NE NE Section 18, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

07/11/96 Completion

RU Schlumberger & run gamma ray trace log from 5050' KB to 4100' KB. Found no indication @ 4959' - 4965'. Found active indication from 4770' KB to 4725' KB & 4312' KB to 4307' KB. Found no indication @ 4290' - 4300' KB & 4350' 4354' KB. TIH w/production string (tbg) as follows:

	<u>LENGTH</u>	<u>DEPTH</u>
1 - Notched-pinned collar	.40'	5382.33'
1 - jt 2-7/8", EUE, J-55, 8rd, 6.5#	28.00'	5381.93'
1 - perf sub 2-7/8" x 4'	4.20'	5353.93'
1 - Seat nipple 2-7/8"	1.10'	5349.73'
38 - jts 2-7/8", EUE, J-55, 8rd, 6.5#	1171.05'	5348.63'
1 - tbg anchor	2.75'	4177.58'
134 - jts 2-7/8", EUE, J-55, 8rd, 6.5#	4164.83'	4174.83'
KB	10.00'	

ND BOP, ND 5M well head, NU 3m well head. Set tbg anchor w/10" tension (12,000#). TIH w/production string (rods) as follows:

1 - DHP 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger (TRICO #1178)
1 - Pony 7/8" x 2' w/2-1/2" guide
1 - K-bar 1-1/2" x 25'
1 - Pony 7/8" x 2' w/2-1/2" guide
212 - 3/4" x 25' D-54 Plain
1 - 3/4" x 6' Pony
1 - 3/4" x 2' Pony
1 - Polish rod 1-1/4" x 22' SM

Pressure test DHP & tbg to 1000 psi, OK. Shut well in. RDMO.

DC: \$23,533

CC: \$259,518

07/19/96 Completion

Start well pumping @ 3:10 PM. 6.0 SPM, 100" stroke.

DC: \$69,259

CC: \$328,777

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

475 - 17th Street, Suite 1500, Denver, CO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See Attached Exhibit

5. Lease Designation and Serial No.

See Attached

6. If Indian, Allottee or Tribe Name

See Attached

7. If Unit or CA, Agreement Designation

See Attached

8. Well Name and No.

See Attached

9. API Well No.

See Attached

10. Field and Pool, or Exploratory Area

See Attached

11. County or Parish, State

See Attached

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operator

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was:

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by The Hartford Insurance Group.

14. I hereby certify that the foregoing is true and correct

Signed

Chris A. Potter

CHRIS A. POTTER, ATTORNEY-IN-FACT

Title

Date

9/30/97

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date



RECEIVED

OCT 16 1997

October 7, 1997

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

RE: Change of Operator
Duchesne & Vernal Counties, Utah


Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

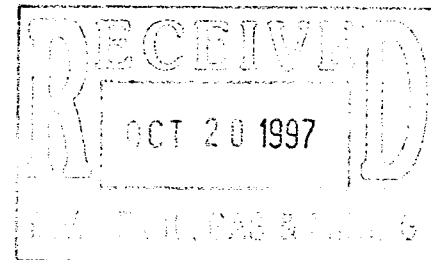
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY


Patsy Barreau

/pb
encls.





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

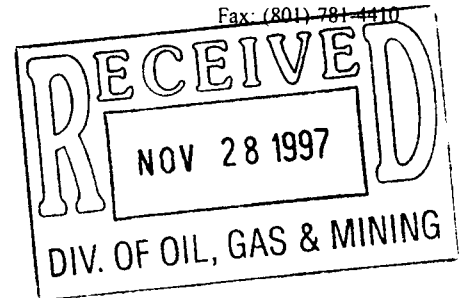
Phone: (801) 781-4400

Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3
UT08438

November 10, 1997



Inland Production Company
475 17th Street, Suite 1500
Denver, CO 80202

43-013-31646
Re: Well No. Mon. Fed. 41-18-9-16Y
NENE, Sec. 18, T9S, R16E
Lease U-74390
Duchesne County, Utah

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

cc: Division of Oil, Gas & Mining
Equitable Resources Energy Company
ABO Petro Corp
Myco Industries Inc
Yates Drilling Co.
Yates Petro Corp

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ WALTON FEDERAL #1	SESE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15792-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #2	NWNE 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15793-00	UTU096550	UTU72086A
WALTON FEDERAL #34-11	SWSE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31003-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #4	SENE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15795-00	UTU096550	UTU72086A
✓ ALLEN FEDERAL #31-6G	NWNE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31442-00	UTU020252A	
✓ BALCRON FEDERAL #21-13Y	NENW 139S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31400-00	UTU64805	
✓ BALCRON FEDERAL #21-25Y	NENW 259S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31394-00	UTU64380	
✓ BALCRON FEDERAL #44-14Y	SESE 149S 17E	UINTAH	UT	MONUMENT BUTTE (U)	43-047-32438-00	UTU64806	
✓ CASTLE PEAK FEDERAL #24-10A	SESW 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30555-00	UTU72107	
✓ CASTLE PEAK STATE #43-16	NESE 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30594-00		891008243C
✓ K. JORGENSEN STATE #16-4	NESE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30572-00	ML-3453-B	
✓ STATE #16-2	NENE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30552-00	ML-3453-B	
✓ BALCRON FEDERAL #21-9Y	NENW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31396-00	UTU65207	
✓ BALCRON FEDERAL #41-21Y	NENE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31392-00	UTU64379	
✓ MONUMENT FEDERAL #31-6-9-16	NWNE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31717-00	UTU74390	
✓ MONUMENT FEDERAL #32-6-9-16Y	SW NE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31300-00	UTU74390	
✓ MONUMENT FEDERAL #42-6-9-16Y	SE NW 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31645-00	UTU74390	
✓ MONUMENT FEDERAL #41-6-9-16	NENE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31718-00	UTU74390	
✓ MONUMENT FEDERAL #31-8-9-16	NW NE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31721-00	UTU020255	
✓ MONUMENT FEDERAL #41-8-9-16	NENE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31619-00	UTU020255	
✓ MONUMENT FEDERAL #11-9-9-16	NW NW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31618-00	UTU020254	
✓ MONUMENT FEDERAL #33-6-9-16Y	NW SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31589-00	UTU74390	
✓ MONUMENT FEDERAL #43-6-9-16Y	NE SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31644-00	UTU74390	
✓ MONUMENT FEDERAL #44-6-9-16Y	SE SE 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31720-00	UTU74390	
✓ MONUMENT FEDERAL #31-18-9-16	NW NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31725-00	UTU74390	
✓ MONUMENT FEDERAL #41-18Y	NE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31646-00	UTU74390	
✓ MONUMENT FEDERAL #42-18Y	SE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31724-00	UTU74390	
✓ MONUMENT FEDERAL #31-21-9-16	NW NE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31726-00	UTU64379	
✓ MONUMENT FEDERAL #11-22Y	NW NW 229S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31647-00	UTU64379	
✓ MONUMENT FEDERAL #13-4-9-16	NW SW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31716-00	UTU73086	
✓ MONUMENT FEDERAL #14-4	SWSW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31666-00	UTU73086	
✓ MONUMENT FEDERAL #22-20-9-16	SE NW 209S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31681-00	UTU52018	
✓ MONUMENT FEDERAL #23-7-9-16	NESW 7 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31694-00	UTU74390	
✓ MONUMENT FEDERAL #24-17-9-16	SESW 179S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31682-00	UTU52018	
✓ MONUMENT BUTTE #34-31-8-16	SW SE 318S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31715-00	UTU74389	
✓ MONUMENT FEDERAL #33-10-9-16	NW SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31722-00	UTU72107	
✓ MONUMENT BUTTE #43-10-9-16	NE SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31723-00	UTU72107	
✓ CHORNEY FEDERAL #1-9	SWSE 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-30070-00	UTU5843	
✓ HENDEL FEDERAL #1	SWSW 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-20011-00	UTU058149	



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

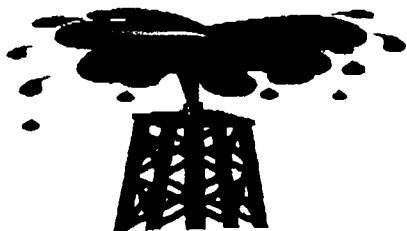
Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: *Lisha*
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet *2.*

NOTE: *Here is the letter you requested.*
Call if you need anything
further.

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-DEC	6-DEC
2-GLH	7-KAS
3-DTS	8-SI
4-VLD	9-FLE
5-JRB	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 9-30-97TO: (new operator) INLAND PRODUCTION COMPANY(address) PO BOX 1446ROOSEVELT UT 84066Phone: (801) 722-5103Account no. N5160

FROM: (old operator)

(address)

EQUITABLE RESOURCES COMPANYPO BOX 577LAUREL MT 59044C/O CRAZY MTN O&GPhone: (406) 628-4164Account no. N9890

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>43-D13-31646</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- JEC 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). (Rec'd 12-10-97)
- JEC 2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). (Rec'd 10-20-97)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) _____ If yes, show company file number: _____
- JEC 4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- JEC 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. (12-2-97)
- JEC 6. Cardex file has been updated for each well listed above. (12-3-97)
- JEC 7. Well file labels have been updated for each well listed above. (12-3-97)
- JEC 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (12-3-97)
- JEC 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- JEC 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A
JEC 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- __ 2. A copy of this form has been placed in the new and former operator's bond files.
- __ 3. The FORMER operator has requested a release of liability from their bond (yes/no) ____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A ^{12/5/97} 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 ____, of their responsibility to notify all interest owners of this change.

FILMING

- VB 1. All attachments to this form have been microfilmed. Today's date: 1.7.98.

FILING

- __ 1. Copies of all attachments to this form have been filed in each well file.
- __ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

971202 BLM/Vernal Aprv. Nov. 10, 13 & 20, 1997.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 11 of 14

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O CRAZY MTN O&G SVS'S
 EQUITABLE RESOURCES ENERGY
 PO BOX 577
 LAUREL MT 59044

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 9 / 97

AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
MONUMENT FEDERAL 41-18-9-16Y								
4301331646	11941	09S 16E 18	GRRV			u 74390		
MONUMENT FEDERAL 13-22-8-17Y								
4301331583	11942	08S 17E 22	GRRV			u 67845		
MONUMENT FEDERAL 42-6-9-16Y								
4301331645	11947	09S 16E 6	GRRV			u 74390		
MONUMENT FEDERAL 32-22-8-17								
4301331586	11959	08S 17E 22	GRRV			u 67845		
MONUMENT FEDERAL 43-6-9-16Y								
4301331644	11960	09S 16E 6	GRRV			u 74390		
MONUMENT FEDERAL 22-20-9-16								
4301331681	11961	09S 16E 20	GRRV			u 52018		
CRON MONUMENT FEDERAL 14-4								
4301331666	11965	09S 16E 4	GRRV			u 034217A		
MONUMENT FEDERAL 11-22-9-16Y								
4301331647	11986	09S 16E 22	GRRV			u 64379		
MONUMENT FEDERAL 31-5-9-17								
4301331680	11987	09S 17E 5	GRRV			u 74808		
MONUMENT FEDERAL 24-17-9-16								
4301331682	11994	09S 16E 17	GRRV			u 52018		
MONUMENT STATE 11-2-9-17CD								
4301331685	11995	09S 17E 2	GRRV			ML 45555		
MONUMENT STATE 32-2								
4304732737	12000	09S 17E 2	GRRV			"		
MONUMENT FEDERAL 23-7-9-16Y								
4301331694	12019	09S 16E 7	GRRV			u 74390		
TOTALS								

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE
APPLICATION OF INLAND
PRODUCTION COMPANY FOR
ADMINISTRATIVE APPROVAL OF
THE MONUMENT FEDERAL
#32-6-9-16Y, 41-18, 34-31-8-16 &
23-7, NINE MILE 11-6, 13-6, 5-7, 7-7,
15-7 & 3-7-9-16 WELLS LOCATED IN
SECTIONS 6, 7, 18 & 31, TOWNSHIP
8 & 9 SOUTH, RANGE 16 EAST,
S.L.M., DUCHESNE COUNTY, UTAH,
AS CLASS II INJECTION WELLS

: NOTICE OF AGENCY
ACTION
:
CAUSE NO. UIC-219
:

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED
MATTER.

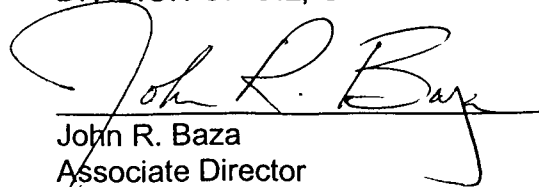
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Monument Federal 32-6-9-16Y, 41-18, 34-31-8-16 & 23-7, Nine Mile 11-6, 13-6, 5-7, 7-7, 15-7 & 3-7-9-16 wells, located in Section 6, 7, 18 & 31, Township 8 & 9 South, Range 16 East, S.L.M., Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The Green River Formation will be selectively perforated for water injection. The maximum injection pressure and rate will be determined based on fracture gradient information submitted by Inland Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of July, 1998.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING


John R. Baza
Associate Director



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801

Michael O. Leavitt
Governor

Salt Lake City, Utah 84114-5801

Lowell P. Braxton
Division Director

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

July 10, 1998

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066-9998

Re: Notice of Agency Action - Cause No. UIC-219

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

A handwritten signature in cursive script that reads "Lorraine Platt".

Lorraine Platt
Secretary

Enclosure

**Inland Production Company
Monument Federal 32-6-9-16Y, 41-18, 34-31-8-16 & 23-7,
Nine Mile 11-6, 13-6, 5-7, 7-7, 15-7 & 3-7-9-16 Wells
Cause No. UIC-219**

Publication Notices were sent to the following:

Inland Production Company
410 17th Street, Suite 700
Denver, Colorado 80202

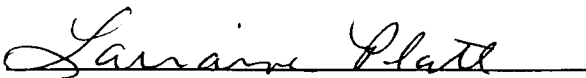
Newspaper Agency Corporation
Legal Advertising
P.O. Box 45838
Salt Lake City, Utah 84145

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Vernal District Office
Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

U.S. Environmental Protection Agency
Region VIII
Attn. Dan Jackson
999 18th Street
Denver, Colorado 80202-2466

School & Institutional Trust Lands Administration
Attn: Jim Cooper
675 East 500 South
Salt Lake City, Utah 84102


Lorraine Platt
Secretary
July 10, 1998



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

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Michael O. Leavitt
Governor

Lowell P. Braxton
Division Director

July 10, 1998

Newspaper Agency Corporation
Legal Advertising
PO Box 45838
Salt Lake City, Utah 84145

Re: Notice of Agency Action - Cause No. UIC-219

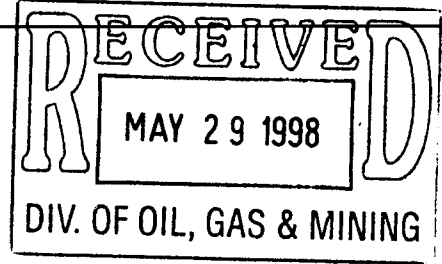
Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Lorraine Platt
Secretary

Enclosure



May 19, 1998

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Monument Federal #41-18, West Point Unit
Monument Butte Field, Lease #U-74390
Section 18-Township 9S-Range 16E
Duchesne County, Utah

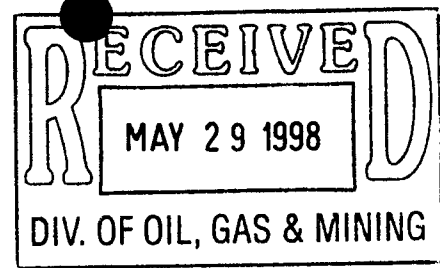
Dear Mr. Jarvis:

Inland Production Company herein requests approval to convert the Monument Federal #41-18 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Ashley Unit.

I hope you find this application complete; however, if you have any questions or require additional information, please contact Debbie Knight at (303) 382-4434.

Sincerely,

John E. Dyer
Chief Operating Officer

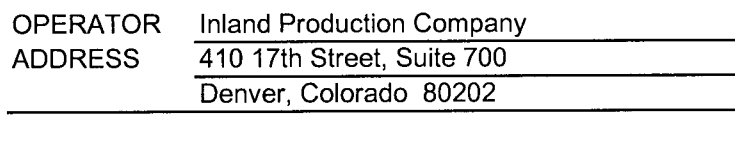


INLAND PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
MONUMENT FEDERAL #41-18
WEST POINT UNIT
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #U-74390
MAY 19, 1998

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ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

APPLICATION FOR INJECTION WELL - UIC FORM 1

Comments:

Spud Date: 06/20/96
Put on Production: 7/19/96
GL: 6017' KB: 6031'

Monument Federal 41-18

Initial Production: ? BOPD, ?
MCFPD, ? BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
DEPTH LANDED: 265'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" w/2% CaCl₂ + 1/4# /sx Cello Flake

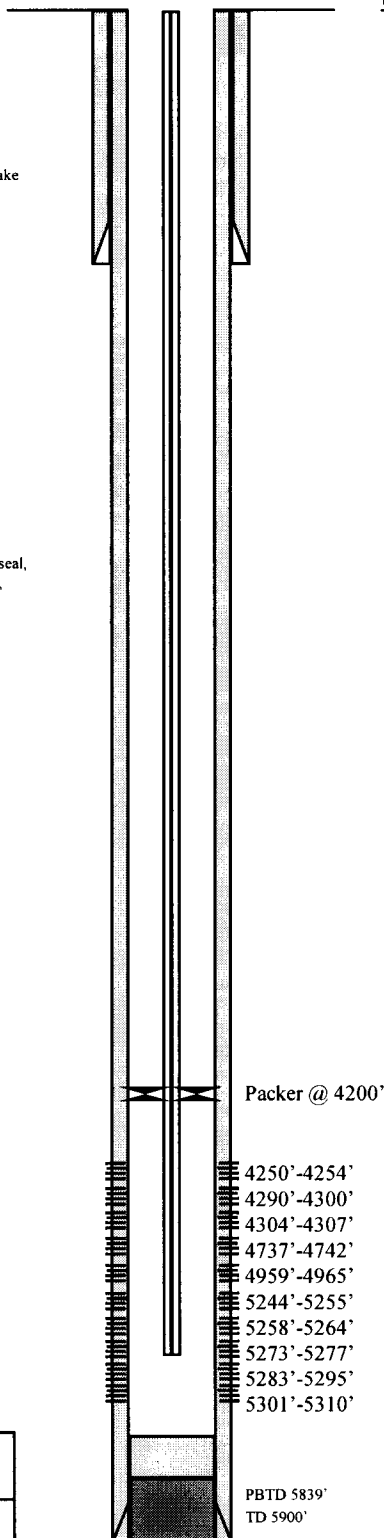
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5874')
DEPTH LANDED: 5884'
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs super "G" + 3% salt + 2% gel, 2#/sx Kol seal, 1/4#/sx Cello Flake, 20# static free. Tail w/360 sxs 50/50 poz, 2% gel, 1/4#/sx cello flake, 2#/sx Kol-seal.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 173 jts
TUBING ANCHOR: 4178'
TOTAL STRING LENGTH: 5382'
SN LANDED AT: 5350'

Proposed Injection Wellbore Diagram



FRAC JOB

Date	Interval	Description
7/02/96	5244'-5310'	42,168 gals 2% KCL wtr & 54,070 # 20/40 ss and 98,380 # 16/30 ss. Used 1004 bbls wtr. Start forced closure flow back @ 1.0 bpm. Flowed back 450 bbls wtr, 0 bbls wtr, and trace of sand.
7/08/96	4737'-4965'	18,900 gals 2% KCL wtr & 50,000 # / 16/30 ss. No flow back.
7/08/96	4250'-4307'	22,470 gals 2% KCL wtr and 78,230 # 16/30 mesh ss. 32.5 BPOM. Start forced closure flow back @ .5 bpm, flow back 15 BW.

PERFORATION RECORD

Holes	Interval
7 Holes	4250'-4254'
	4290'-4300'
	4304'-4307'
	4737'-4742'
	4959'-4965'
7 Holes	5244'-5255'
	5258'-5264'
	5273'-5277'
	5283'-5295'
	5301'-5310'



Inland Resources Inc.

Monument Federal 41-18
497' FNL and 424' FEL
NENE Section 18-T9S-R16E
Duchesne Co, Utah
API #43-013-34646; Lease #U-74390

WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.**
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.**
- 3. Test casing and packer.**
- 4. Rig down, move out.**

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Inland Production Company
410 17th Street, Suite 700
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Monument Federal #41-18 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, West Point Unit.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Douglas Creek Member of the Green River Formation. In the Monument Federal #41-18 well, the proposed injection zone is from 4250'-5310'. The confining stratum directly above and below the injection zone is the Douglas Creek Member of the Green River Formation, with the Douglas Creek Marker top at 4250'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Monument Federal #41-18 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Inland Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #U-74390), in the Monument Butte (Green River) Field, West Point Unit, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachment A and B.
 - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24#, J-55 surface casing run to 265' GL, and the 5-1/2" casing run from surface to 5884' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The type and source of fluid to be injected is culinary water from the Johnson Water District supply line. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F, F-1, and F-2.

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1918 psig.

2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The fracture gradient for the Monument Federal #41-18, for proposed zones (4250' – 5310') calculates at .84 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1918 psig. See Attachment G through G-3.

2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Monument Federal #41-18, the injection zone (4250'-5310') is in the Douglas Creek member of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The Douglas Creek member is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31', and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.11 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-3.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.

Inland Production Company will supply any requested information to the Board or Division.

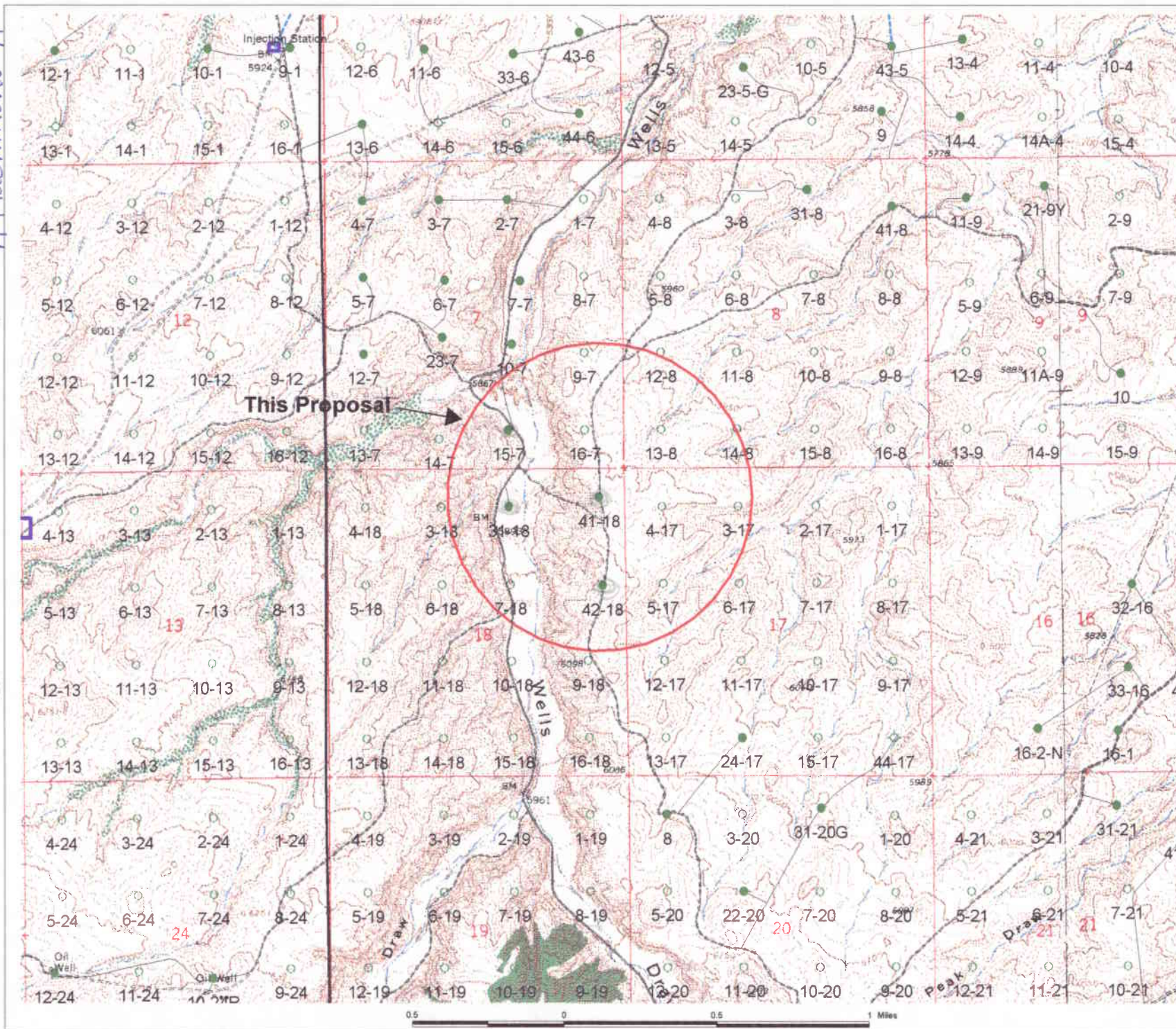


Exhibit "A"



- Legend**
- INJ
 - OIL
 - ☆ GAS
 - ★ O&G
 - ◇ DRY
 - SHUTIN
 - LOC
 - Proposed Water 6"
 - Water 6"
 - Water 4"
 - Water 2 - 3"
 - Proposed Water

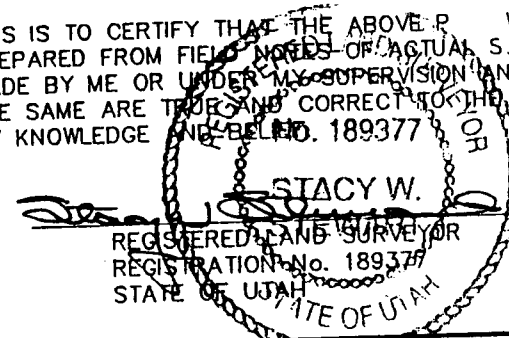
T9S, R16E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL #41-18-9-16Y, LOCATED AS SHOWN IN THE NE 1/4 NE 1/4 OF SECTION 18, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

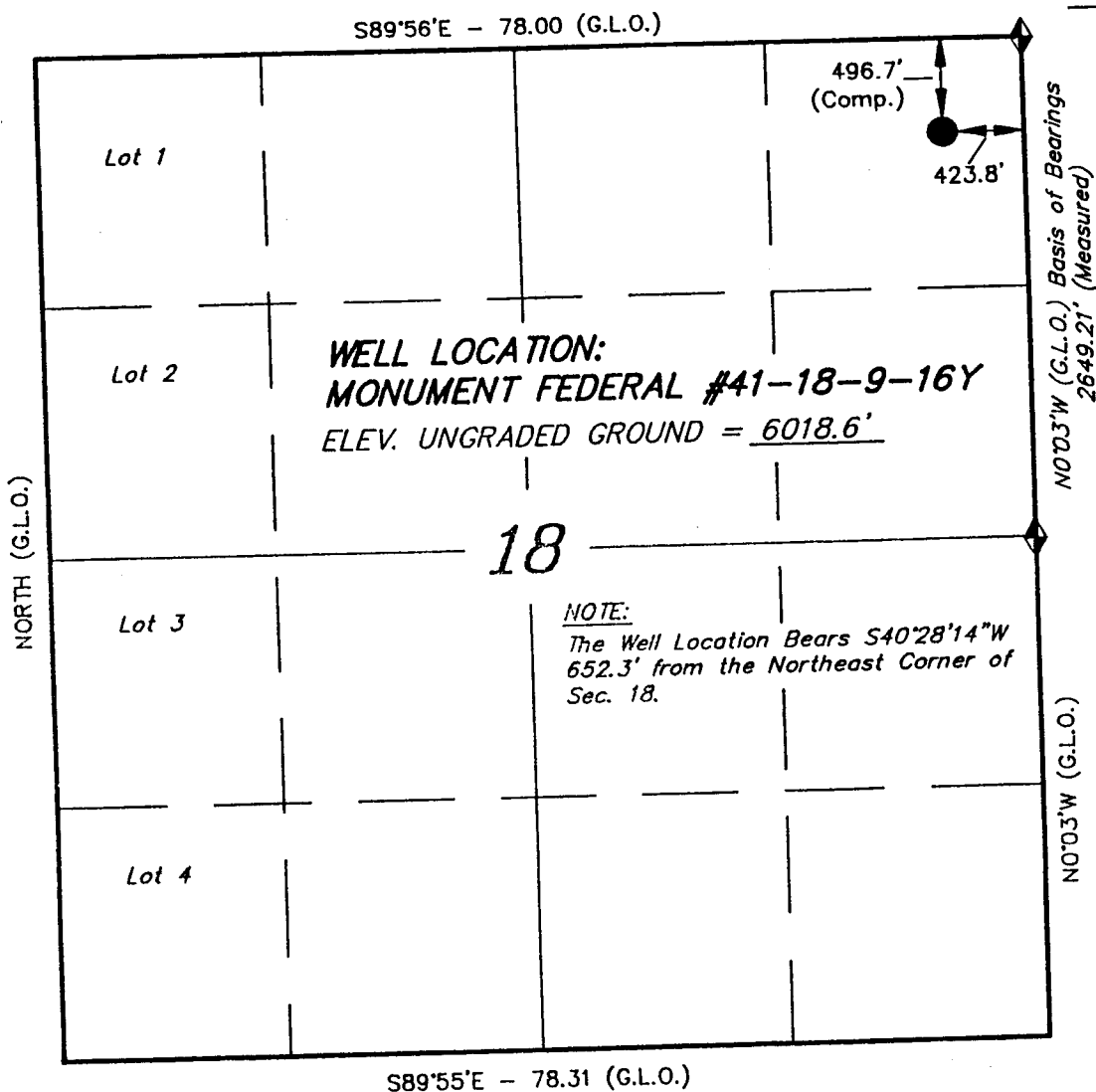


THIS IS TO CERTIFY THAT THE ABOVE WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. 189377



TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: S.S. D.S.
DATE: 3-12-96	WEATHER: WINDY & COLD
NOTES:	FILE # -



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV: U.S.G.S. 7-1/2 min QUAD (MYTON SW)

Attachment A-1

EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	Township 9 South, Range 16 East Section 6: All Section 7: All Section 8: W/2 Section 9: NW/4SW/4 Section 17: NW/4 Section 18: L 1,2, NE/4, E/2NW/4	U-74390 HBP	Inland Production Company Yates petroleum Corporation ABO Petroleum Corporation Yates Drilling Company Myco Industries	(Surface Rights) USA
2	Township 9 South, Range 16 East Section 17: S/2 Section 20: N/2	U-52018 HBP	Inland Production Company L&W Oil Company	(Surface Rights) USA

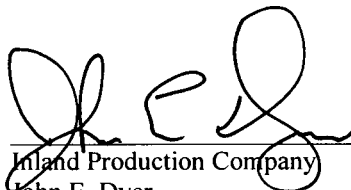
ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Monument Federal #41-18

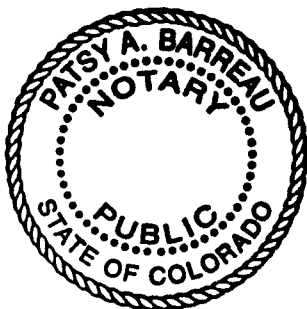
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____


Inland Production Company
John E. Dyer
Chief Operating Officer

Sworn to and subscribed before me this 19th day of May, 1998.

Notary Public in and for the State of Colorado: Patsy A. Barreau



My Commission Expires 11/14/2000

Monument Federal 41-18

Spud Date: 06/20/96
 Put on Production: 7/19/96
 GL: 6017' KB: 6031'

Initial Production: ? BOPD, ?
 MCFPD, ? BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 DEPTH LANDED: 265'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" w/2% CaCl₂ + 1/4# /sx Cello Flake

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (5874')
 DEPTH LANDED: 5884'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs super "G" + 3% salt + 2% gel, 2#/sx Kol seal, 1/4# /sx Cello Flake, 20# static free. Tail w/360 sxs 50/50 poz, 2% gel, 1/4# /sx cello flake, 2#/sx Kol-seal.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 173 jts
 TUBING ANCHOR: 4178'
 TOTAL STRING LENGTH: 5382'
 SN LANDED AT: 5350'

ROD STRING

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 2 - Pony 1/8" x 2' w/2-1/2" guide, 1 - K-bar 1-1/2" x 25', 2 3/4" x 25' D-54 plain, 1 - 3/4" x 6' pony, 1 - 3/4" x 2' pony
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger (TRICO #1178)
 STROKE LENGTH: 100" 6.0 SPM
 LOGS: CBL/GR

FRAC JOB

7/02/96	5244'-5310'	42,168 gals 2% KCL wtr & 54,070 # 20/40 ss and 98,380 # 16/30 ss. Used 1004 bbls wtr. Start forced closure flow back @ 1.0 bpm. Flowed back 450 bbls wtr, 0 bbls wtr, and trace of sand.
7/08/96	4737'-4965'	18,900 gals 2% KCL wtr & 50,000 # / 16/30 ss. No flow back.
7/08/96	4250'-4307'	22,470 gals 2% KCL wtr and 78,230 # 16/30 mesh ss. 32.5 BPOM. Start forced closure flow back @ .5 bpm, flow back 15 BW.

PERFORATION RECORD

7 Holes	4250'-4254'
	4290'-4300'
	4304'-4307'
	4737'-4742'
	4959'-4965'
7 Holes	5244'-5255'
	5258'-5264'
	5273'-5277'
	5283'-5295'
	5301'-5310'

Anchor @ 4178'

4250'-4254'
 4290'-4300'
 4304'-4307'
 4737'-4742'
 4959'-4965'
 5244'-5255'
 5258'-5264'
 5273'-5277'
 5283'-5295'
 5301'-5310'

SN @ 5350'
 PBTD 5839'
 TD 5900'



Inland Resources Inc.

Monument Federal 41-18

497' FNL and 424' FEL

NENE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-34646; Lease #U-74390

Monument Federal 42-18

Spud Date: 03/10/97
 Put on Production: 4/10/97
 GL: 6064' KB: 6078'

Initial Production: 23.5 BOPD,
 13.5 MCFPD, 1 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT 24#
 DEPTH LANDED: 261'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" + 2% CaCl₂ + 1/4#/sx Cello Flake

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts (5859')
 DEPTH LANDED: 5869'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 145 sxs Prem Lite Plus + 10% gel _6#/sx BA-981 +
 .5% sod met + 2#/sx Kol seal + 1/4#/sx Cello Flake

TUBING

SIZE/GRADE/WT: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 173 jts
 TUBING ANCHOR: 5142'
 TOTAL STRING LENGTH: 5363'
 SN LANDED AT: 5328'

ROD STRING

POLISHED ROD: 1-1/4" x 22' SM
 SUCKER RODS: 1 - K-bar 1-1/2" x 25', 211 - 3/4" x 25' D-61 Plain, 1 - 3/4" x
 4' pony, 1 oilkug rid 1-1/4" x 22' SM
 PUMP SIZE: 2-1/2" x 1-1/2" x 15-1/2" RHAC w/SM plunger (TRICO #1239)
 STROKE LENGTH: 86" 3-3/4 SPM
 LOGS: DLL, CNL/LDT, CBL/GR

FRAC JOB

3/27/97 5174'-5292' Frac as follows:
 ?

PERFORATION RECORD

2 SPF 5174'-5177'
 5207'-5210'
 5214'-5217'
 5228'-5241'
 5280'-5292'

Anchor @ 5142'

5174'-5177'
 5207'-5210'
 5214'-5217'
 5228'-5241'
 5280'-5292'

EOT 5203'
 TOC 1050'
 SN @ 5328'
 PBTD 5825'
 TD' 5900'



Inland Resources Inc.

Monument Federal 42-18

2007' FNL AND 388' FEL

SENE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-31724; Lease #UTU-74390

Monument Federal 31-18

Spud Date: 02/13/97
 Put on Production: 3/17/97
 GL: 5884' KB: 5898'

Initial Production: 50 BOPD,
 58 MCFPD, 0 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 DEPTH LANDED: 260'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" w/2% CaCl₂ + 1/4# /sx Cello Flake
 and 25 sxs Class "G" + 2% CaCl₂

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 132 jts. (5665')
 DEPTH LANDED: 5675'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 250 sxs Prem Lite Plus + 10% gel + 6#/sx BA-91 + 5%
 sold metas + 2#/sx Kolsal + 1/4#/sx Cello Flake. Tail w/570 sxs 50/50
 poz + 2% gel + 1/4#/sx Cello Flake + 2#/sx Kolsal. Ran to surface.

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 160 jts
 TUBING ANCHOR: 3995'
 TOTAL STRING LENGTH: 3992'
 SN LANDED AT: 4961'

SUCKER RODS

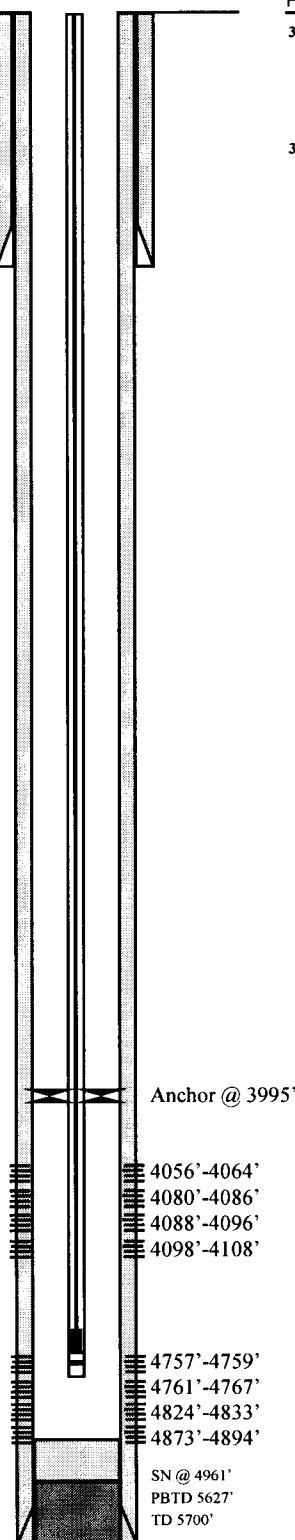
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4-1 1/2" wt rods; 4-3/4" scraped; 120-3/4" plain; 96-3/4"
 scraped;
 PUMP SIZE: 2-1/2" x 1-1/2" x 16" RHAc w/SM plunger (TRICO #1229)
 STROKE LENGTH: 100"
 LOGS: CBL/GR, CNL, HALS

FRAC JOB

3/03/97 4757'-4894'' **Frac as follows:**
 35,238 gals KCL gelled wtr & 116,740
 # 16/30 ss. Used 839 bbls wtr Forced
 closure flow back @ .7 BPM, flow back
 170 bbls wtr, 1% ss.
 3/06/97 4056'-4108' **Frac as follows:**
 30,660 gals 2% KCL wtr & 110,110 #
 16/30 ss. Start forced closure flow back
 @ 5 BPM. Flow back 75 bbl wtr and 7%
 ss. SI for 1 hr. Flow back 120 bbls wtr &
 ss trace. Total flow back 195 bbl wtr.

PERFORATION RECORD

2 SPF	4056'-4064'
	4080'-4086'
	4088'-4096'
	4098'-4108'
4 SPF	4757'-4759'
	4761'-4767'
	4824'-4833'
	4873'-4894'



Inland Resources Inc.

Monument Federal 31-18

648' FNL 1992' FEL

NWNE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-31725; Lease #U-74390

SN @ 4961'
 PBTD 5627'
 TD 5700'

Nine Mile #15-7

Spud Date: 12/2/97

Put on Production: 1/14/98

GL: 5923' KB: 5935'

Initial Production: 66 BOPD,
76 MCFPD, 6 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (286')

DEPTH LANDED: 288'

HOLE SIZE: 12-1/4"

CEMENT DATA: 140 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 137 jts (5827')

DEPTH LANDED: 5839'

HOLE SIZE: 7-7/8"

CEMENT DATA: 350 sxs Hibond mixed & 300 sxs thixotropic

CEMENT TOP AT:

TUBING

SIZE/GRADE/WT: 2-7/8" / M-50 / 6.5#

NO. OF JOINTS: 176 jts

TUBING ANCHOR: 5522'

TOTAL STRING LENGTH: ?

SN LANDED AT: 5619'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 4-11/2" wt rods; 4-3/4" scraped; 120-3/4" plain; 96-3/4" scraped; 1-6', 1-4' x 3/4" pony rod

PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC

STROKE LENGTH: 64"

PUMP SPEED, SPM: 8.5 SPM

LOGS: DIGL/SP/GR/CAL (5863'-300')

DSN/SDL/GR (5832'-3000')

FRAC JOB

1/8/98 5546'-5585'

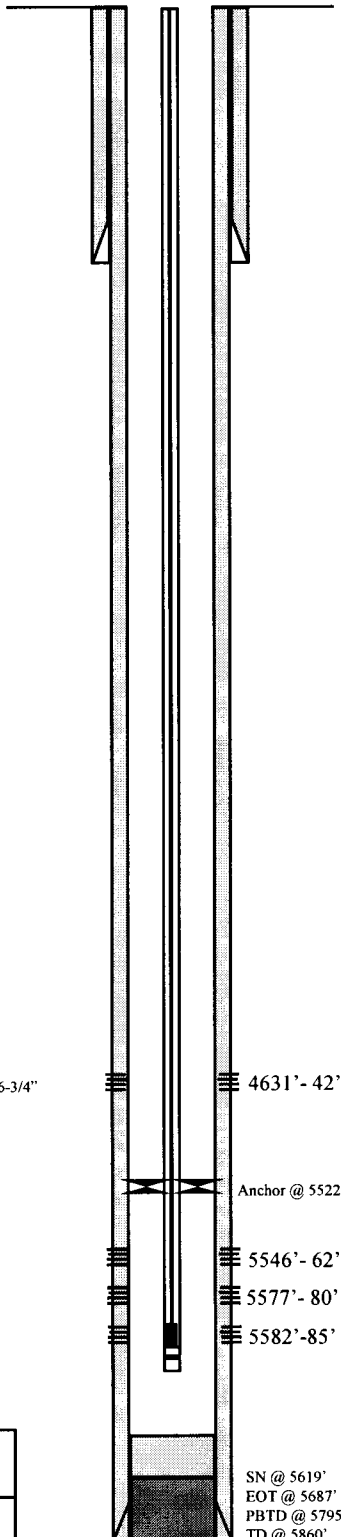
Frac CP sand as follows:

104,400# of 20/40 sd in 525 bbls
Delta Frac. Treated @ avg rate 32.3 bpm,
avg press 1650 psi. Breakdown @ 2996
psi. ISIP-2900 psi, 5-min 2007 psi.
Flowback for 3 hrs & died.

1/10/98 4631'-4642'

Frac D sand as follows: 104,400#
of 20/40 sd in 507 bbls Delta Frac.
Breakdown @ 2460 psi. Treated @ avg
rate of 26.4 BPM, avg press 2100 psi.
ISIP-2424 psi, 5-min 2262 psi. Flowback
on 12/64" ck for 4 hrs & died.PERFORATION RECORD

1/8/98	5546'-5562'	4 JSPF	24 holes
1/8/98	5577'-5580'	4 JSPF	12 holes
1/8/98	5582'-5585'	4 JSPF	12 holes
1/9/98	4631'-4642'	4 JSPF	44 holes



Inland Resources Inc.

Nine Mile #15-7

701.2 FSL 2074.8 FEL

SWSE Section 7-T9S-R16E

Duchesne Co, Utah

API #43-013-31803; Lease #U-74390

SN @ 5619'
EOT @ 5687'
PBTD @ 5795'
TD @ 5860'

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066Office (801) 722-5066
Fax (801) 722-5727

Attachment F

WATER ANALYSIS REPORT

Company INLAND Address _____ Date 01-14-98
 Source Johnson Water
FRESH WATER Date Sampled _____ Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>7.0</u>		
2. H ₂ S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>593</u>	
5. Alkalinity (CaCO ₃)		CO ₃ <u>0</u>	+ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)		HCO ₃ <u>300</u>	+ 61 <u>5</u> HCO ₃
7. Hydroxyl (OH)		OH <u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)		Cl <u>35</u>	+ 35.5 <u>1</u> Cl
9. Sulfates (SO ₄)		SO ₄ <u>110</u>	+ 48 <u>2</u> SO ₄
10. Calcium (Ca)		Ca <u>44</u>	+ 20 <u>2</u> Ca
11. Magnesium (Mg)		Mg <u>22</u>	+ 12.2 <u>2</u> Mg
12. Total Hardness (CaCO ₃)		<u>200</u>	
13. Total Iron (Fe)		<u>2.2</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>2</u>			<u>162</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	<u>2</u>			<u>146</u>
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	<u>1</u>			<u>84</u>
Na ₂ SO ₄	71.03	<u>2</u>			<u>142</u>
NaCl	58.45	<u>1</u>			<u>59</u>

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS _____

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066Office (801) 722-5086
Fax (801) 722-5727**WATER ANALYSIS REPORT**

Company INLAND Address _____ Date 05-15-98
 Source MONUMENT FEDERAL 41-18 Date Sampled 05-13-98 Analysis No. _____

Analysis
9.4

mg/l(ppm)

*Meg/l

1. PH			
2. H ₂ S (Qualitative)			
3. Specific Gravity			
4. Dissolved Solids		22,034	
5. Alkalinity (CaCO ₃)	CO ₃	0	+ 30 0 CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	2,000	+ 81 33 HCO ₃
7. Hydroxyl (OH)	OH	0	+ 17 0 OH
8. Chlorides (Cl)	Cl	11,700	+ 35.5 329 Cl
9. Sulfates (SO ₄)	SO ₄	0	+ 48 0 SO ₄
10. Calcium (Ca)	Ca	8	+ 20 0 Ca
11. Magnesium (Mg)	Mg	0	+ 12.2 0 Mg
12. Total Hardness (CaCO ₃)		40	
13. Total Iron (Fe)		1.4	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Eqvly. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04				
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.82				
NaHCO ₃	64.00	33			2,772
Na ₂ SO ₄	71.03				
NaCl	58.46	329			19,233

0	Ca	←	HCO ₃	33
0	Mg	→	SO ₄	0
362	Na	→	Cl	329

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS _____

Received Time May. 18. 4:06PM

AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND
 LOCATION:
 SYSTEM:

05-18-98

WATER DESCRIPTION:	JOHNSON WATER	MF 41-18
P-ALK AS PPM CaCO ₃	0	0
M-ALK AS PPM CaCO ₃	492	3280
SULFATE AS PPM SO ₄	110	0
CHLORIDE AS PPM Cl	35	11700
HARDNESS AS PPM CaCO ₃	0	0
CALCIUM AS PPM CaCO ₃	110	20
MAGNESIUM AS PPM CaCO ₃	90	0
SODIUM AS PPM Na	92	8326
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	593	22034
TEMP (DEG-F)	150	150
SYSTEM pH	7	9.4

WATER COMPATIBILITY CALCULATIONS
 JOHNSON WATER AND MF 41-18
 CONDITIONS: TEMP.=150 AND pH=8.2
 WATER ONE IS JOHNSON WATER

% OF WATER # 1	STIFF DAVIS CaCO ₃ INDEX	lbs/1000 BBL EXCESS CaCO ₃	mg/l BaSO ₄ IN EXCESS OF SATURATION	mg/l SrO ₄ IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	1.53	37	0	0	0
90	1.61	34	0	0	0
80	1.63	31	0	0	0
70	1.61	28	0	0	0
60	1.58	25	0	0	0
50	1.51	22	0	0	0
40	1.45	18	0	0	0
30	1.38	15	0	0	0
20	1.29	12	0	0	0
10	1.17	9	0	0	0
0	1	6	0	0	0

Attachment G

Monument Federal #41-18
Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5244	5310	5277	2600	0.93	2595
4737	4965	4851	1980	0.84	1918
4250	4307	4279	2350	0.98	2316
				Minimum	<u>1918</u>

Calculation of Maximum Surface Injection Pressure

$$P_{max} = (\text{Frac Grad} - (0.433 \times 1.005)) \times \text{Depth of Top Perf}$$

where pressure gradient for the fresh water is .433 psi/ft and
specific gravity of the injected water is 1.005.

Frac Gradient is obtained from the service company's frac summary report.


**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

 1601 Lewis Avenue
 P.O. Box 21017
 Billings, MT 59104-1017
 (406) 259-7860

**Attachment G-1
TREATMENT REPORT**
DATE OF TREATMENT: 7-2-96Well Name MONUMENT FED. 41-18-9-16Y Sec. 18 TWN. 9S RNG. 16EField WELLS DRAW County DUCHE SNE State MT.Formation: GREEN RIVER (G-5 ZONE)Perforations: 5244-55, 5258-64, 5273-77, 5283-95, 5301-10Treatment Type: SAND FRAC Total Number of Holes: 84Treatment Company: BJ SERVICES SAND CHARACTERISTICS

VOLUME		FLUID	CONC.			SIZE	SAND VOLUME	
SLURRY BBLs	CLEAN GAL		# / GAL	BPM	PSI		CALC.	ACTUAL
233	9800	2% KCL WATER (PAD)	0	32.0	2450	+	—	#
259	1000	"	2	32.2	2440	20/40	2000	#
287	1000	"	4	32.2	2360	20/40	4000	#
539	9000	"	5	32.6 36.5	2020 2120	20/40	45000	#
1040	16548	"	6	35.6 40.9	2200 2460	16/30	48000	#
232	7400	"	7			16/30	51800	#
1164	5208	" (FLUSH)	0	40.9	3010	+	—	#
						1	#	#
						1	#	#
						1	#	#

TOTAL FLUID PUMPED: _____ gal. _____ % Acid

42,168 gal. 2% KCL WATER Fluid

TOTAL SAND VOLUME: 54070 lbs. 20/40 sand

98380 lbs. 16/30 sand

lbs. 1 sand

Flushed well with 5208 gal. of 2% KCL WATER

_____ ball sealers were pumped. Was ball action seen? _____

Barrels of Load to Recover 1004 BLTR

Avg. Treating Pressure = 2500 psi, max = 3010 psi, min. = 2020 psi.

Avg. Treating Rate = 36.5 bpm, max = 40.9 bpm, min. = 32.0 bpm.

ISIP = 2600 psi, 5 min. = 2300 psi, 10 min. = 2160 psi, 15 min. = 1950 psi.

Well will be shut in for 0 hours before bringing back fluid. 30 MIN. = 1670 psi

REMARKS: 6 BBL TO LOAD HOLE

START FORCED CLOSURE FLOW BACK. 1.0 BPM

FRAC GRADIENT: .933 Wellsite Supervisor: Dale Griffin



EQUITABLE RESOURCES ENERGY COMPANY

BALCRON OIL DIVISION

 1601 Lewis Avenue
 P.O. Box 21017
 Billings, MT 59104-1017
 (406) 259-7860

Attachment G-2 TREATMENT REPORT

DATE OF TREATMENT: 7-8-96

Well Name MONUMENT FED, 41-18-9-16Y Sec. 18 TWN. 9S RNG. 16E
 Field WELLS DRILL County DUCHESNE State WY.
 Formation: GREEN RIVER (R-1 + G-14 ZONE)
 Perforations: 4737-42, 4959-65

Treatment Type: SAND FRAC Total Number of Holes: 14
 Treatment Company: BJ SERVICES SAND CHARACTERISTICS

BN BL	VOLUME		FLUID	CONC.			SIZE	SAND VOLUME	
	SLURRY BBL	CLEAN GAL		# / GAL	BPM	PSI		CALC.	ACTUAL
0	71	3000	2% KCL WATER (PAD)	0	32.0	3710	+	— #	— #
9	112	31	1200	2	32.0	3640	16/30	2400 #	#
53	170	56	2000	4	25.9	4650	16/30	8000 #	#
70	228	58	2000	5	33.5	3670	16/30	10,000 #	#
68	311	85	2800	6	34.1	3230	16/30	16,200 #	#
5	398	56	1800	7	34.0	2950	16/30	12,600 #	#
18	513	112	4704	0	35.1	2890	+	— #	— #
			(FLUSH)				1	#	#
							1	#	#
							1	#	#

TOTAL FLUID PUMPED: _____ gal. _____ % Acid
18,900 gal. 2% KCL WATER Fluid

TOTAL SAND VOLUME: 50,000 lbs. 16130 sand
 _____ lbs. 1 sand
 _____ lbs. 1 sand

Flushed well with _____ gal. of 2% KCL WATER
 _____ ball sealers were pumped. Was ball action seen? _____

Barrels of Load to Recover 450 BLTR.

Avg. Treating Pressure = 3450 psi, max = 4900 psi, min. = 2890 psi.

Avg. Treating Rate = 33.5 bpm, max = 35.1 bpm, min. = 25.9 bpm.

ISIP = 1980 psi, 5 min. = 1680 psi, 10 min. = 1600 psi, 15 min. = 1540 psi.

Well will be shut in for 3 HRS hours before bringing back fluid.

REMARKS: 7 BBL. TO LOAD HOLE

TRG FRAC W/ 22 MCI RI-192

FRAC GRADIENT: .848

Wellsite Supervisor: Dale Griffin



EQUITABLE RESOURCES ENERGY COMPANY

BALCRON OIL DIVISION

 1601 Lewis Avenue
 P.O. Box 21017
 Billings, MT 59104-1017
 (406) 259-7860

Attachment G-3 TREATMENT REPORT

DATE OF TREATMENT: 7-8-96

Well Name MONUMENT FED. 41-18-9-16Y Sec. 18 TWN. 9S RNG. 17E
 Field WELLS DRAW County DUCHESNE State UT.
 Formation: GREEN RIVER (Y-2 & Y-3 ZONES)
 Perforations: 4250-54, 4290-4300, 4304-07

Treatment Type: SAND FRAC Total Number of Holes: 34
 Treatment Company: BJ SERVICES SAND CHARACTERISTICS

#	VOLUME		FLUID	CONC.			SIZE	SAND VOLUME	
	SLURRY BBL	CLEAN GAL		# / GAL	BPM	PSI		CALC.	ACTUAL
1	107 22 81	3400	2% KCL WATER (PAD)	0	33.1	2360	+	— #	— #
4	106 23	900	"	2	33.0	2410	16/30	1800 #	917 #
1	159 53	1875	"	4	32.4	2270	16/30	7500 #	5679 #
0	244 85	2900	"	5	32.5	2060	16/30	14,500 #	14045 #
1	398 154	5100	"	6	32.3	2050	16/30	30,600 #	30,376 #
1	520 100	3200	"	7	32.1	2170	16/30	22,400 #	27,213 #
5	621 100	4200	" (FLUSH)	0	32.7	2880	+	— #	— #
							1	#	#
							1	#	#
							1	#	#

TOTAL FLUID PUMPED: _____ gal. _____ % Acid
22,470 gal. 2% KCL WATER Fluid
 TOTAL SAND VOLUME: 78,230 lbs. 16130 sand
 _____ lbs. 1 sand
 _____ lbs. 1 sand

Flushed well with 4200 gal. of 2% KCL WATER
 _____ ball sealers were pumped. Was ball action seen? _____

Barrels of Load to Recover 535 BLTR.

Avg. Treating Pressure = 2350 psi, max = 2880 psi, min. = 2050 psi.

Avg. Treating Rate = 32.5 bpm, max = 33.1 bpm, min. = 32.1 bpm.

ISIP = 2350 psi, 5 min. = 1840 psi, 10 min. = 1660 psi, 15 min. = 1540 psi.

Well will be shut in for 0 hours before bringing back fluid. 30 MIN. = 1420 psi

REMARKS: 2 BBL TO LOAD HOLE

TAG FRAC W/ 33 MCi IR-192, START FORCED CLOSURE FLOW BACK. .5 BPM.

FRAC GRADIENT: .989

Wellsite Supervisor: Bob Griffin

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. **Plug #1** Set 216' plug from 5144'-5360' with 30 sxs Class "G" cement.
2. **Plug #2** Set 378' plug from 4637'-5015' with 60 sxs Class "G" cement.
3. **Plug #3** Set 207' plug from 4150'-4357' with 30 sxs Class "G" cement.
4. **Plug #4** Set 200' plug from 2000'-2200' with 30 sxs Class "G" cement.
5. **Plug #5** Set 100' plug from 215'-315' (50' on either side of casing shoe) with 15 sxs Class "G" cement.
6. **Plug #6** Set 50' plug from surface with 10 sxs Class "G" cement.
7. Pump 10 sxs Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 265' to surface.

The approximate cost to plug and abandon this well is \$18,000.

Monument Federal 41-18

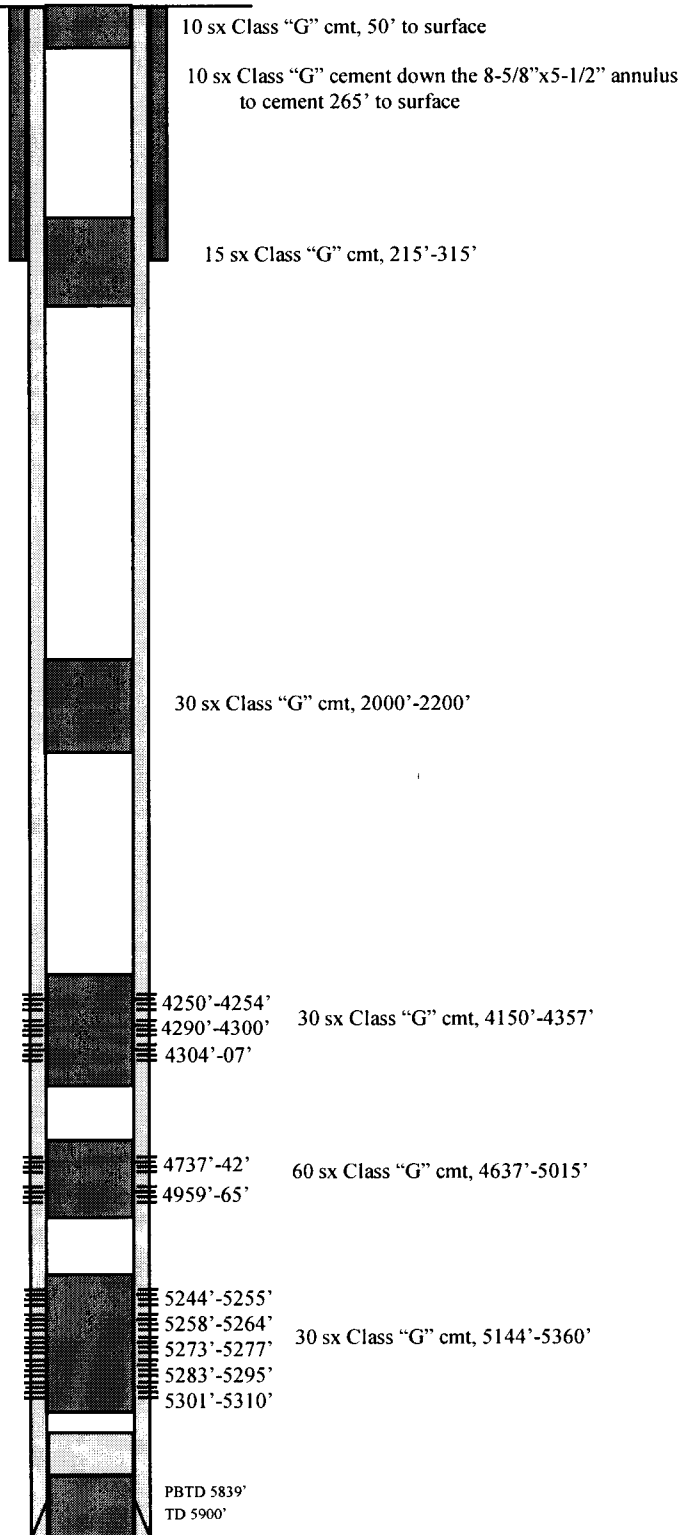
Spud Date: 06/20/96
 Put on Production: 7/19/96
 GL: 6017' KB: 6031'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 DEPTH LANDED: 265'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" w/2% CaCl₂ + 1/4# /sx Cello Flake

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (5874')
 DEPTH LANDED: 5884'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs super "G" + 3% salt + 2% gel, 2#/sx Kol seal,
 1/4#/sx Cello Flake, 20# static free. Tail w/360 sxs 50/50 poz, 2% gel,
 1/4#/sx cello flake, 2#/sx Kol-seal.

Proposed P&A
Wellbore Diagram

Inland Resources Inc.

Monument Federal 41-18

497' FNL and 424' FEL

NENE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-34646; Lease #U-74390

WEST POINT UNIT WELL LISTING

AS OF 7/13/98

T. 8 & 9S, R. 16E

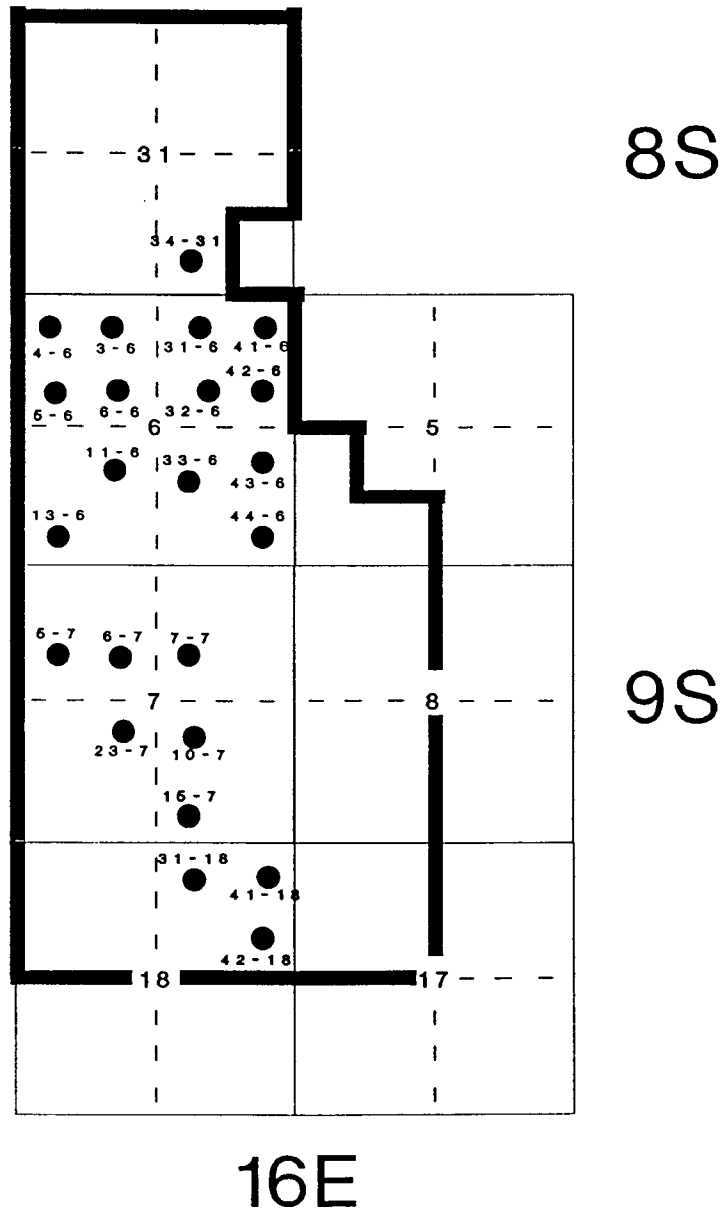
SEC.	FIELD	WELL NAME	STATUS	API NUMBER	
6	WEST POINT UNIT	MON FED #31-6Y	PROD	4301331717	12060
6	WEST POINT UNIT	FED 32-16-09-16Y	PROD	4301331300	11211
6	WEST POINT UNIT	MON FED #42-6Y	PROD	4301331645	11947
6	WEST POINT UNIT	MON FED #43-6Y	PROD	4301331644	11960
6	WEST POINT UNIT	MON FED #33-6Y	PROD	4301331589	11933
6	WEST POINT UNIT	FED 44-16-09-16Y	PROD	4301331720	12066
7	WEST POINT UNIT	MON FED #23-7Y	PROD	4301331694	12019
* 16	WEST POINT UNIT	MON FED #41-18Y	PROD	4301331640	11941
16	WEST POINT UNIT	FED 31-18-9-16Y	PROD	4301331725	12104
16	WEST POINT UNIT	FED 42-18-09-16Y	PROD	4301331724	12124
31	WEST POINT UNIT	MON FED 34-31-8-16	PROD	4301331715	12067
6	WEST POINT UNIT	MON FED 41-6-9-16Y	PROD	4301331718	12043
6	WEST POINT UNIT	NINE MILE 3-6	PROD	4301331810	12264
6	WEST POINT UNIT	NINE MILE 11-6	PROD	4301331812	12266
6	WEST POINT UNIT	NINE MILE FEDERAL 15-6-9-16	PROD	4301332200	12327
7	WEST POINT UNIT	NINE MILE 6-7	PROD	4301331776	12290
7	WEST POINT UNIT	NINE MILE 10-7	PROD	4301331773	12286
7	WEST POINT UNIT	NINE MILE FEDERAL 12-7-9-16	PROD	4301332204	12328
6	WEST POINT UNIT	NINE MILE 4-6	PROD	4301331952	12282
6	WEST POINT UNIT	NINE MILE 5-6	PROD	4301331953	12288
6	WEST POINT UNIT	NINE MILE 13-6	PROD	4301331954	12284
6	WEST POINT UNIT	NINE MILE 6-6	PROD	4301331719	12289
7	WEST POINT UNIT	NINE MILE 5-7	PROD	4301331777	12291
7	WEST POINT UNIT	NINE MILE 7-7	PROD	4301331778	12292
7	WEST POINT UNIT	NINE MILE 15-7	PROD	4301331803	12287
7	WEST POINT UNIT	NINE MILE 2-7	PROD	4301332201	12316
7	WEST POINT UNIT	NINE MILE 3-7	PROD	4301332202	12313
7	WEST POINT UNIT	NINE MILE 4-7	PROD	4301332203	12325
	WEST POINT UNIT	NINE MILE 14-6	P&A	4301331999	

WEST POINT (GR) UNIT ENTITY 12418 EFF 6-1-98.

WEST POINT (GREEN RIVER) UNIT

Duchesne County, Utah

EFFECTIVE: JUNE 1, 1998



UNIT OUTLINE (UTU77107X)

2,738.19 ACRES

SECONDARY
ALLOCATION

FEDERAL 100%

PERMIT STATEMENT OF BASIS

Applicant: Inland Production Company **Well:** Monument Federal #41-18

Location: 18/9S/16E **API:** 43-047-31646
013

Ownership Issues: The proposed well is located on Federal land. The well is located in the West Point Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Inland and various other individuals hold the leases in the unit. Inland has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland will be the operator of the Humpback Unit. Inland has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 265 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 5884 feet and has a cement top at the surface. A cement bond log verifies adequate bond well above the injection zone. A 2 7/8 inch tubing with a packer will be set at 4200 feet. A mechanical integrity test will be run on the well prior to injection. There are 3 producing wells in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 1000 feet. Injection shall be limited to the interval between 4250 feet and 5310 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the #41-18 well is .84 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1918 psig. The requested maximum pressure is 1918 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Monument Federal #41-18
page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the West Point Unit on May 14, 1998. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that Administrative approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Brad Hill Date: 7/21/98



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

Michael O. Leavitt
Governor

Lowell P. Braxton
Division Director

September 9, 1998

Inland Production Company
410 Seventeenth Street, Suite 700
Denver, Colorado 80202

Re: West Point Unit Wells: Monument Federal 32-6-9-16Y, ~~41-18~~, 34-31-8-16 & 23-7, Nine Mile 11-6, 13-6, 5-7, 7-7, 15-7, & 3-7-9-16, Sections 6, 7, 18 & 31, Townships 8 & 9 South, Range 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

John R. Baza

Associate Director, Oil and Gas

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Roosevelt

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-74390

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

WEST POINT (GR RVR)

8. Well Name and No.

MONUMENT FEDERAL 41-18-9-16Y

9. API Well No.

43-013-31646

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well



Oil
Well



Gas
Well



Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

0497 FNL 0424 FEL

NE/NE Section 18, T09S R16E

12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other Site Security



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection

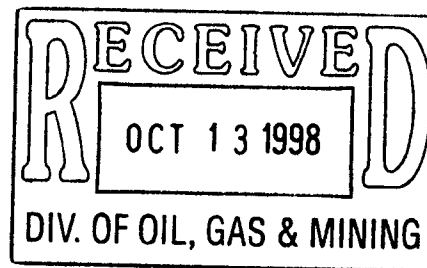


Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Lakshmi E. Knight

Title

Manager, Regulatory Compliance

Date

10/8/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Inland Production Company

Site Facility Diagram

Monument Federal 41-18Y

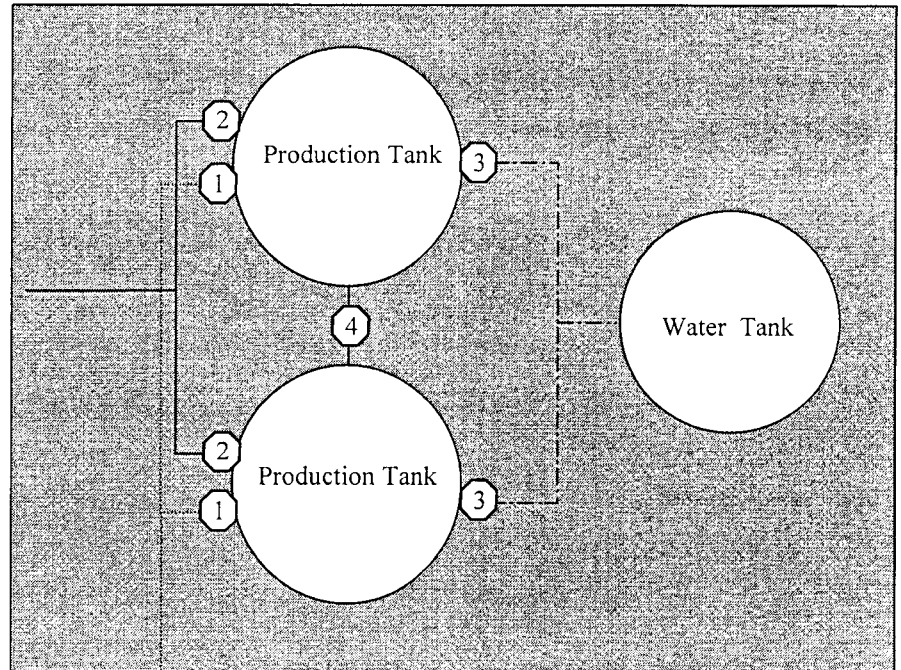
NE/NE Sec. 18, T9S, 16E

Duchesne County

Sept. 17, 1998

Legend

Emulsion Line
Load Line	_____
Water Line	- - - - -
Gas Sales



Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Production Phase:

- 1) Valves 1 and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

- 1) Valves 3 & 4 sealed closed
- 2) Valves 1 open

Draining Phase:

- 1) Valve 3 open

Heater Treater

Diked Section

Pumping Unit

Well Head



July 19, 2001

Mr. Dan Jarvis
State of Utah, DOGM
1594 West North Temple – Suite 1310
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Injection Conversion
Monument Federal 41-18Y-9-16
Sec. 18, T9S, R16E
API # 43-013-31646

Dear Mr. Dan Jarvis,

Please find enclosed the sundry, tabular and a copy of the chart on the Monument Federal 41-18Y-9-16. The subject well was placed from a producing to an injection well. If you have any questions please let me know.

Sincerely,

Krisha Russell
Production Clerk

RECEIVED

JUL 22 2002

DIVISION OF
OIL, GAS AND MINING

Inland Production Company Field Office • Route 3, Box 3630 • Myton, UT 84052 • 435-646-3721 • FAX 435-646-3031

Corporate Office • 410 Seventeenth Street, Suite 700 • Denver, CO 80202 • 303-893-0102 • FAX 303-893-0103

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. UTU-74390	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		7. UNIT AGREEMENT NAME WEST POINT (GR RVR)	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE/NE Section 18, T9S R16E 0497 FNL 0424 FEL		8. FARM OR LEASE NAME MONUMENT FED 41-18-9-16Y	
14. API NUMBER 43-013-31646		9. WELL NO. MONUMENT FED 41-18-9-16Y	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6019 GR		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
12. COUNTY OR PARISH DUCHESNE		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/NE Section 18, T9S R16E	
13. STATE UT			

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> <u>Injection Conversion</u>	
(OTHER) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well was converted from a producing to an injection well on 7/16/02. The rods and tubing anchor were removed and a packer was inserted in bottom hole assembly at 4203'. On 7/17/02 Mr. Dennis Ingram w/ State DOGM was notified of the intent to conduct a MIT on the casing. On 7/18/02 the casing was pressured to 1090 psi w/ no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

18 I hereby certify that the foregoing is true and correct

SIGNED Krishna Russell TITLE Production Clerk DATE 7/19/2002
Krishna Russell

cc: BLM

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
JUL 20 2002
DIVISION OF
OIL, GAS AND MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 7/18/02 Time 9:00 (am/pm)

Test Conducted by: Inland Production / Brent Cook

Others Present: _____

Well: MF41-18-9-16Y

Field: West Point

Well Location: NE NE, Sec 18-T9S-R16E API No: 43-013-31646

Time	Casing Pressure	
0 min	<u>1090</u>	psig
5	<u>1095</u>	psig
10	<u>1100</u>	psig
15	<u>1100</u>	psig
20	<u>1100</u>	psig
25	<u>1100</u>	psig
30 min	<u>1100</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 410 psig

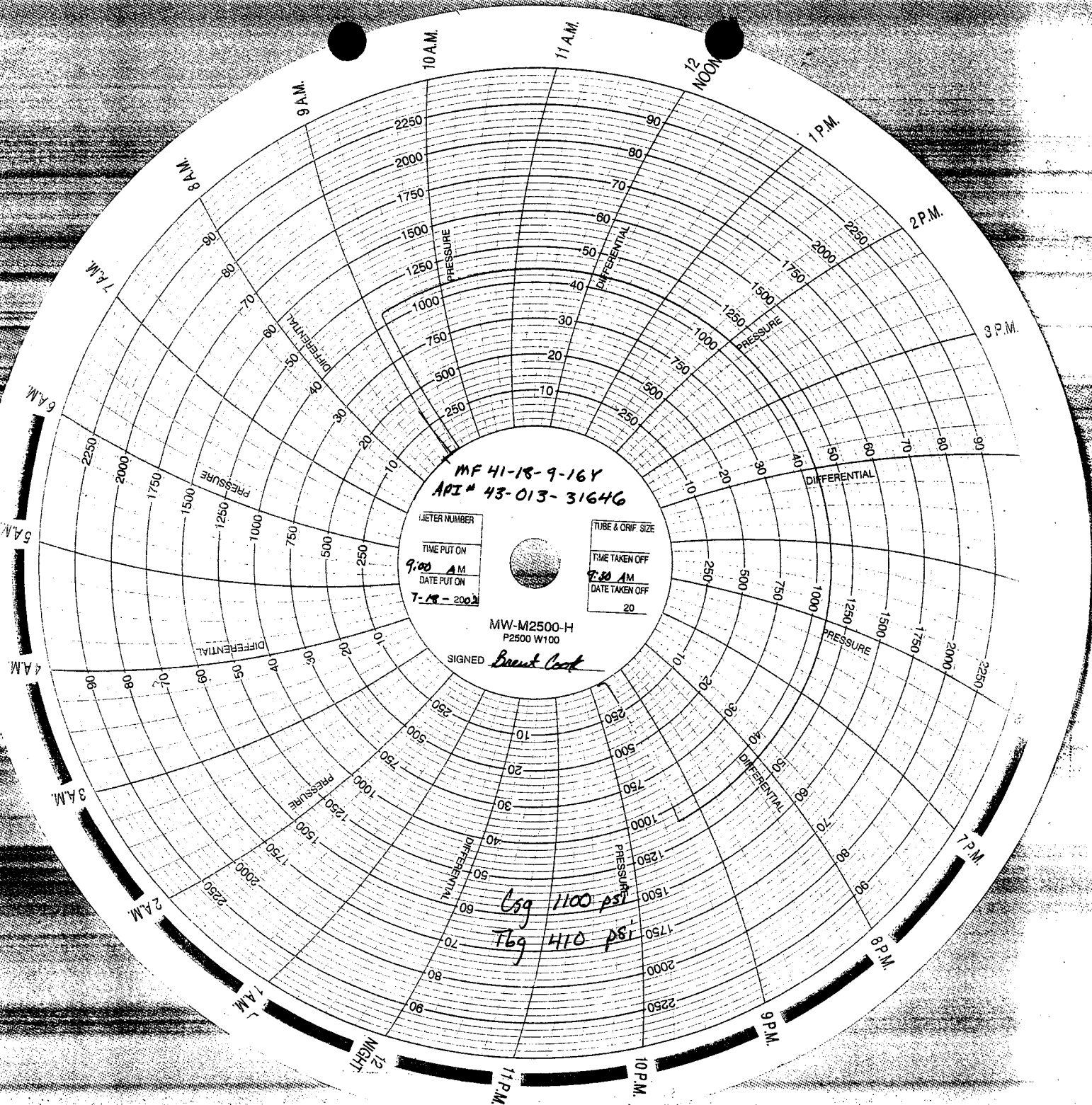
Result:

Pass

Fail

Signature of Witness: _____

Signature of Person Conducting Test: Brent Cook



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-74390

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

WEST POINT (GR RVR)

8. Well Name and No.

MONUMENT FED 41-18-9-16Y

9. API Well No.

43-013-31646

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTA

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

0497 FNL 0424 FEL NE/NE Section 18, T9S R16E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Report of first injection**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above referenced well was put on injection at 3:30 p.m. on 8/2/02.

14. I hereby certify that the foregoing is true and correct

Signed

Mandie Crozier
Mandie Crozier

Title

Permit Clerk

Date

8/5/02

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

RECEIVED

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

APR 15 2002
DIVISION OF
OIL, GAS AND MINING



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT


Cause No. UIC-219

Operator: Inland Production Company
Well: Monument Federal 41-18-9-16Y
Location: Section 18, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-31646
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on September 9, 1998.
2. Maximum Allowable Injection Pressure: 1918 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4250 feet - 5310 feet)

Approved by:


John R. Baza
Associate Director

8/7/2002
Date

er

cc: Dan Jackson Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Myton

Water Analysis, Scaling Tendency, and Compatibility Evaluation

Company : INLAND
Field / Lease : Monument Butte
Service Engineer : John Pope

A = Johnson Water
B = Mon.Fed. 41-18

Chemical Component	100 % A	90% A:10% B	80%A:20% B	70%A:30% B	60%A:40% B	50%A:50% B	40%A:60% B	30%A:70% B	20%A:80% B	10%A:90% B	100% B
Chloride (Cl) mg/l	2,800	3,280	3,760	4,240	4,720	5,200	5,680	6,160	6,640	7,120	7,600
Sulfate (SO4) mg/l	455	489	523	557	591	625	659	693	727	761	795
Carbonate (CO3) mg/l	0	20	41	61	82	102	122	143	163	184	204
Bicarbonate (HCO3) mg	268	424	580	737	893	1,049	1,205	1,361	1,518	1,674	1,830
Calcium (Ca) mg/l	232	247	262	278	293	308	323	338	354	369	384
Magnesium (Mg) mg/l	131	126	121	117	112	107	102	97	93	88	83
Iron (Fe) mg/l	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0
Barium (Ba) mg/l	0	0	1	1	1	2	2	2	2	3	3
Strontium (Sr) mg/l	0	0	1	1	1	2	2	2	2	3	3
Sodium (Na) mg/l	1,621	2,014	2,408	2,802	3,195	3,589	3,983	4,376	4,770	5,164	5,557
Ion Strength	0.11	0.13	0.15	0.16	0.18	0.20	0.22	0.24	0.26	0.27	0.29
Dissolved Solids (TDS)	5,510	6,605	7,700	8,795	9,890	10,985	12,081	13,176	14,271	15,366	16,461
Specific Gravity @ 60F	1.005	1.006	1.006	1.007	1.007	1.008	1.008	1.009	1.009	1.010	1.010
Temperature (F)	100	100	100	100	100	100	100	100	100	100	100
(TOMSON-ODDO)	0.06	0.43	0.72	0.98	1.21	1.44	1.65	1.86	2.06	2.26	2.45
Pressure (psia)	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
pH	6.93	7.09	7.25	7.40	7.56	7.72	7.88	8.04	8.19	8.35	8.51
CO2 (Mole %)	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

Scaling Tendency (Pounds per Thousand BBLS of Scale Which Should Form)

CaCO3 (Tomson-Oddo)	8.9	87.8	150.4	195.8	228.1	252.3	272.0	289.0	304.6	319.4	333.6
BaSO4 (Tomson)	0.0	0.1	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7
CaSO4 (Tomson)	-1121.8	-1147.3	-1170.2	-1190.9	-1209.9	-1227.3	-1243.4	-1258.2	-1272.0	-1284.8	-1296.7
SrSO4 (Tomson)	-28.8	-29.0	-29.1	-29.1	-29.2	-29.2	-29.3	-29.3	-29.3	-29.3	-29.3



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas

SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company:	Inland Production Company	Name:	Brian Harris
Address:	1401 17th Street Suite 1000	Signature:	<i>Brian Harris</i>
	city Denver state CO zip 80202	Title:	Engineering Tech.
Phone:	(303) 893-0102	Date:	9/15/2004
Comments:			

NEW OPERATOR

Company:	Newfield Production Company	Name:	Brian Harris
Address:	1401 17th Street Suite 1000	Signature:	<i>Brian Harris</i>
	city Denver state CO zip 80202	Title:	Engineering Tech.
Phone:		Date:	9/15/2004
Comments:			

(This space for State use only)

Transfer approved by:

Title:

Approval Date:

Comments:

Note: Indian Country wells will require EPA approval.

(5/2000)

RECEIVED

SEP 20 2004

DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004

FROM: (Old Operator):
 N5160-Inland Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

TO: (New Operator):
 N2695-Newfield Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

CA No.

Unit:

WEST POINT (GREEN RIVER)**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MON FED 34-31-8-16	31	080S	160E	4301331715	12418	Federal	WI	A
WEST POINT U 13-5-9-16	05	090S	160E	4301331766	12418	Federal	OW	P
MON FED 32-6-9-16Y	06	090S	160E	4301331300	12418	Federal	WI	A
MON FED 33-6-9-16Y	06	090S	160E	4301331589	12418	Federal	OW	S
MON FED 43-6-9-16Y	06	090S	160E	4301331644	12418	Federal	WI	A
MON FED 42-6-9-16Y	06	090S	160E	4301331645	12418	Federal	OW	P
MON FED 31-6-9-16Y	06	090S	160E	4301331717	12418	Federal	OW	P
MON FED 41-6-9-16Y	06	090S	160E	4301331718	12418	Federal	WI	A
NINE MILE 6-6	06	090S	160E	4301331719	12418	Federal	OW	P
MON FED 44-6-9-16Y	06	090S	160E	4301331720	12418	Federal	OW	P
WEST POINT U 12-6-9-16	06	090S	160E	4301331765	12418	Federal	OW	P
NINE MILE 11-6	06	090S	160E	4301331812	12418	Federal	WI	A
MON FED 23-7-9-16Y	07	090S	160E	4301331694	12418	Federal	WI	A
NINE MILE 10-7	07	090S	160E	4301331773	12418	Federal	OW	P
NINE MILE 6-7	07	090S	160E	4301331776	12418	Federal	OW	P
NINE MILE 5-7	07	090S	160E	4301331777	12418	Federal	WI	A
NINE MILE 7-7	07	090S	160E	4301331778	12418	Federal	WI	A
NINE MILE 15-7	07	090S	160E	4301331803	12418	Federal	WI	A
NINE MILE 16-7-9-16	07	090S	160E	4301331804	12418	Federal	OW	P
MON FED 41-18-9-16Y	18	090S	160E	4301331646	12418	Federal	WI	A
MON FED 42-18-9-16Y	18	090S	160E	4301331724	12418	Federal	OW	S
MON BUTTE FED 31-18-9-16Y	18	090S	160E	4301331725	12418	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-74390

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
WEST POINT UNIT

8. WELL NAME and NUMBER:
MON FED 41-18-9-16Y

9. API NUMBER:
4301331646

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER WT

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 497 FNL 424 FEL

COUNTY: DUCHESNE

OTR/OTR SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE, 18, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 11/21/2006	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Recompletion/MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well was re-completed in the Green River Formation. Two new intervals were perforated, the CP2 sds @ 5661'-5670' & CP1 sds @ 5684'-5698', and re-perfed the B.5 sand @ 4959'-4966' all w/4 JSPF for a total of 92 shots. On 11-15-06 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above list well. Permission was given at that time to perform the test on 11-15-06. On 11-15-06 the csg was pressured up to 1450 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 740 psig during the test. There was not a State representative available to witness the test.

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 11-27-06

By: Bradley Hill

COPY SENT TO OPERATOR
Date: 12/5/06
Initials: CHD

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE Jentri Park

DATE 11/21/2006

(This space for State use only)

NOV 24 2006

Mechanical Integrity Test Casing or Annulus Pressure Test

NOV 24 2006

Inland Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: _____ Date 11/15/06 Time 11:00 am pm

Test Conducted by: Chris Wilkerson

Others Present: _____

Well: Mon Fed 41-18-9-16Y

Field: Monument Butte / West Point

Well Location: NE/NE Sec. 18, T9S, R16E
Duchesne County, UTAH

API No: 43-013-31646

Time	Casing Pressure	
0 min	<u>1450</u>	psig
5	<u>1450</u>	psig
10	<u>1450</u>	psig
15	<u>1450</u>	psig
20	<u>1450</u>	psig
25	<u>1450</u>	psig
30 min	<u>1450</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 740 psig

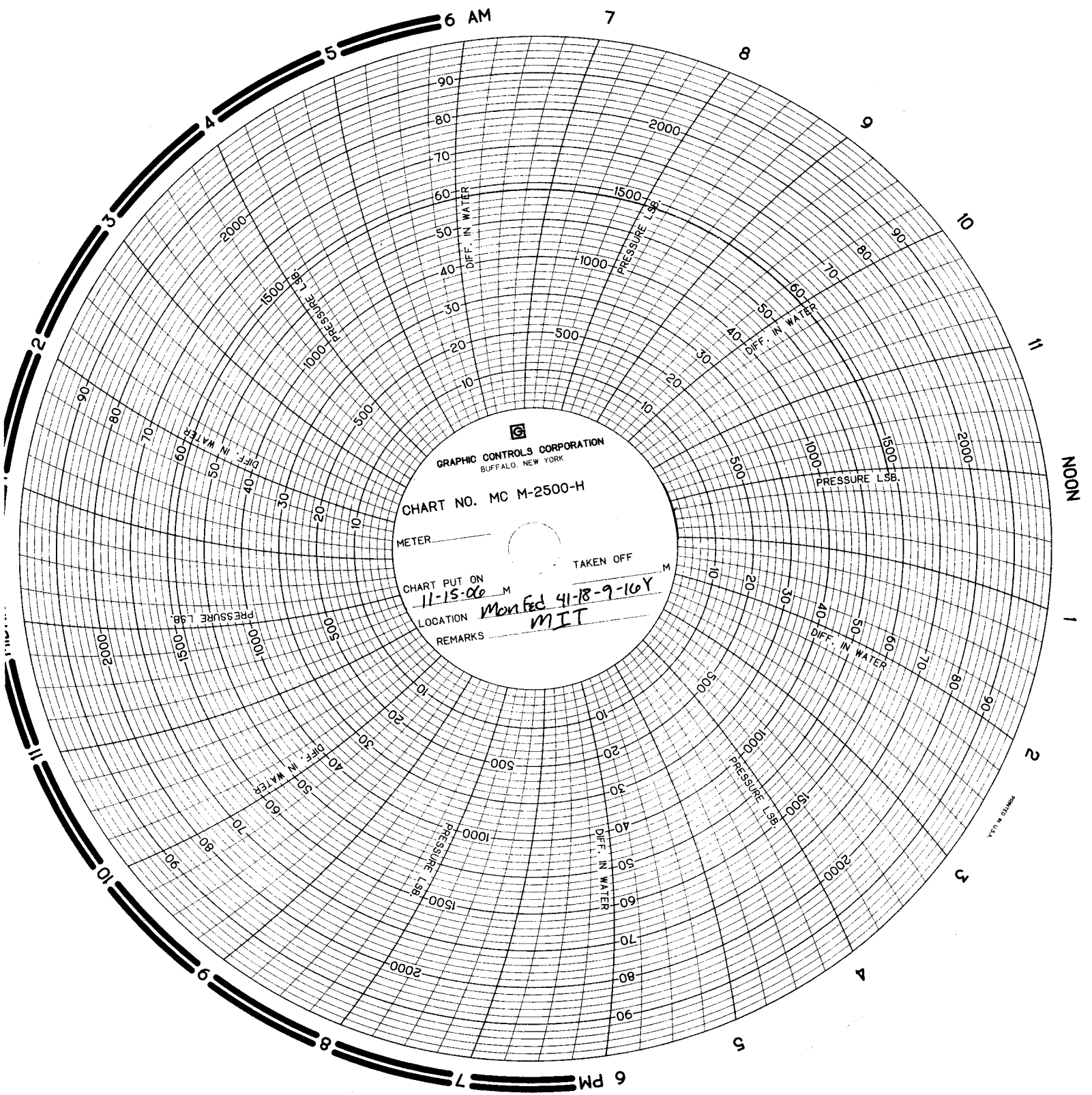
Result:

Pass

Fail

Signature of Witness: _____

Signature of Person Conducting Test: Chris Wilkerson



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC M-2500-H

METER _____

TAKEN OFF _____

CHART PUT ON
11-15-00 M

LOCATION

Mon Feb 41-18-9-10Y
MIT

REMARKS

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74390
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: MON FED 41-18-9-16Y
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0497 FNL 0424 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 18 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013316460000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: 5 YR MIT
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/12/2011			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 10/05/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 10/12/2011 the casing was pressured up to 1450 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tubing pressure was 1805 psig during the test. There was not a State representative available to witness the test.

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 10/18/2011

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/14/2011	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 10/12/11 Time 11:30 am pm

Test Conducted by: DAVE CLOWARD

Others Present: _____

Well: <u>MONUMENT FEDERAL</u> <u>41-18-9-164</u>	Field: <u>MONUMENT FEDERAL</u> <u>Duchesne County, Utah UTU87538X</u>
Well Location: <u>MONUMENT FEDERAL 41-18-9-164</u>	API No: _____
<u>NE/NESEC. 18, T9S, R16E</u>	<u>43-013-31646</u>

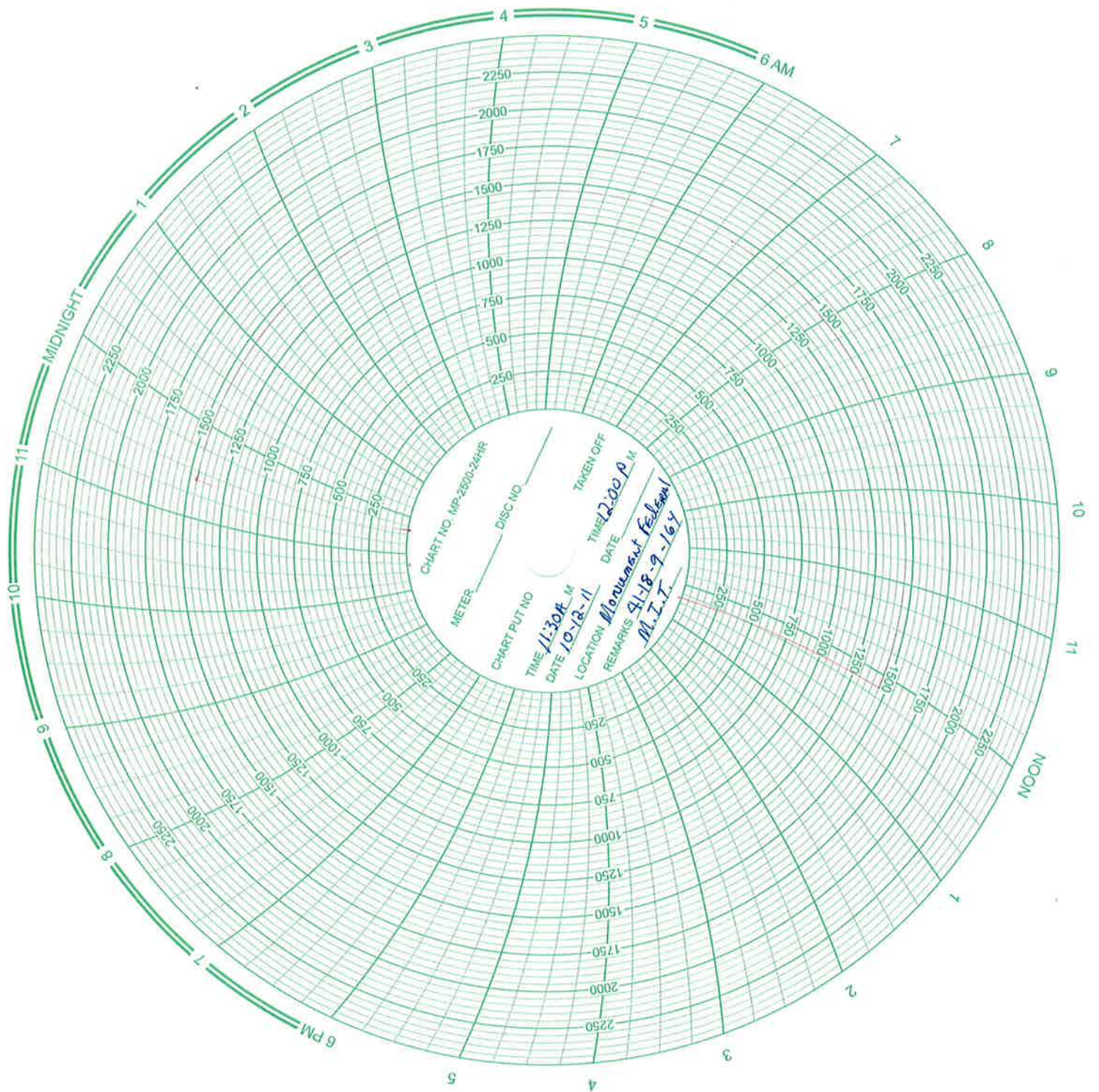
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1450</u>	psig
5	<u>1450</u>	psig
10	<u>1450</u>	psig
15	<u>1450</u>	psig
20	<u>1450</u>	psig
25	<u>1450</u>	psig
30 min	<u>1450</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

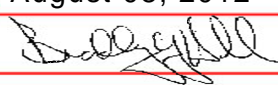
Tubing pressure: 1805 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: David Cloward



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74390
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: MON FED 41-18-9-16Y
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0497 FNL 0424 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 18 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013316460000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/9/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input checked="" type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div>	
OTHER: Concentric Injection String		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex;"> <div style="flex: 1;"> <p>Newfield would like to modify the following injection well in order to more efficiently flood the productive sands in the offset producers. A concentric injection design as shown in the attachment is being proposed. This design will result in 2 unique injection profiles within this one well. Zone 1 will be all the sands between the 2 packers as referenced in the attached schematic (GB4, GB6, and D1). Zone 2 will be all the sands below the packer which is also shown in the attached schematic (B, LODC, and CP). Newfield would also identify this concentric injection string as Monument Federal 41-18-9-16YD.</p> </div> <div style="flex: 0.5; text-align: right; padding-right: 20px;"> <p style="color: red; font-weight: bold;">Approved by the Utah Division of Oil, Gas and Mining</p> <p style="color: red; font-weight: bold;">Date: August 08, 2012</p> <p style="color: red; font-weight: bold;">By: </p> </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 8/7/2012



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013316460000

This will require the determination of a maximum injection pressure for each zone and a mechanical integrity test prior to DOGM granting approval to resume injection.



NEWFIELD PRODUCTION COMPANY

Monument Federal 41-18-9-16Y

Run Concentric Injection String

Purpose of Workover: Run a concentric tubing string in order to inject into the GB-4, GB-6, and D-1 sands separately from the B, LODC, and CP zones. Expected results are a more evenly distributed water injection for a more efficient sweep of the desired intervals.

AFE#: 27331

Concentric Injection String Installation Procedure:

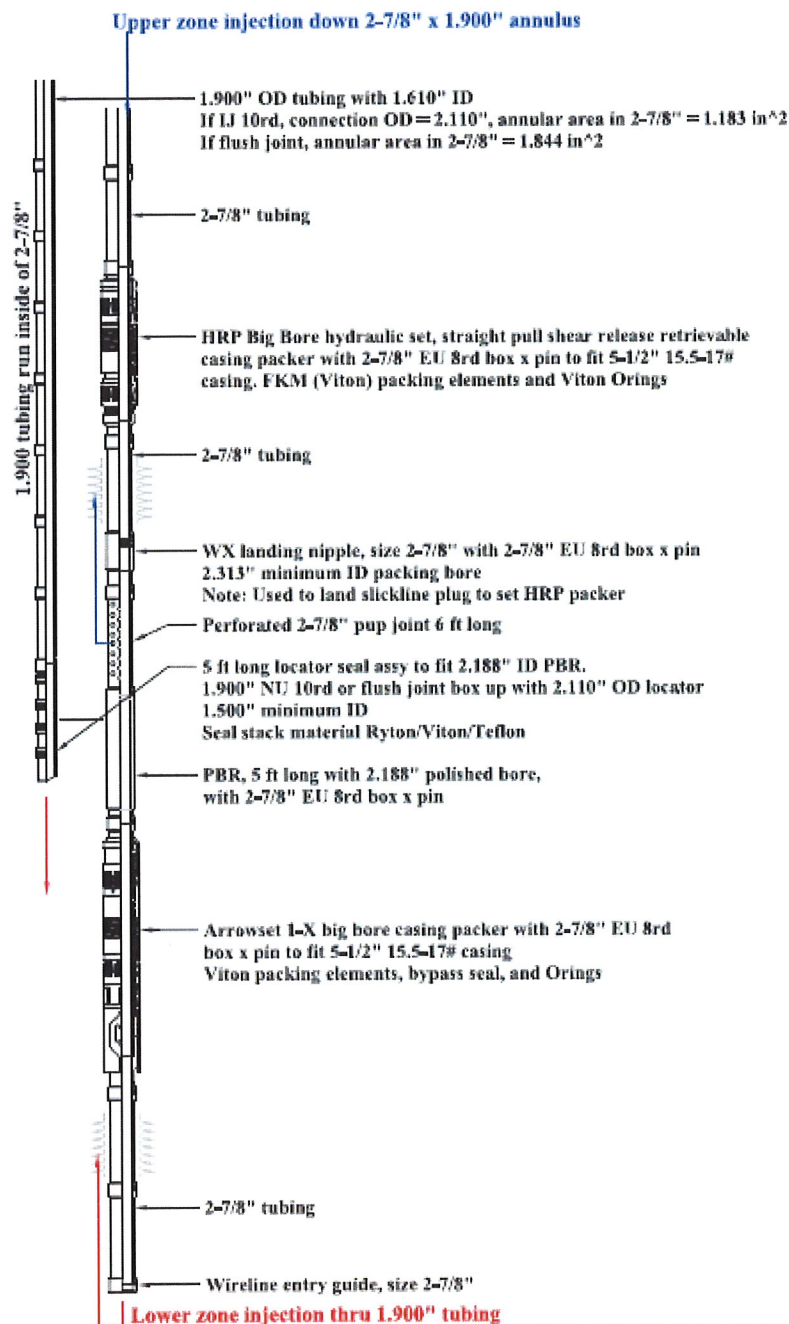
- 1) MIRU.
- 2) Read and approve this procedure and JSA. Ensure H₂S monitoring equipment is properly tested and installed.
- 3) Carefully check to see if the well is dead and the casing reads 0 psi. If the well is not dead and requires to a kill fluid to be pumped, contact the engineer on how to proceed.
 - i) Engineer Contact:
Ben Krugman
(O) 303-685-8035 ext. 4035
(M) 720-648-4810
bkrugman@newfield.com
- 4) NU BOP.
- 5) Unset PKR.
- 6) Pump 30bbls hot water down tubing.
- 7) Pickle tubing with 5bbls of 15% HCl. Displace to EOT with 27 bbls at 1bpm. Reverse spent acid out with 40 bbls hot water (This is done to ensure any Schmoo or scale is removed before running the 1.9" in 2.875").
- 8) Pump SV and test tubing to 3000psi.
- 9) TOOH with tubing. LD old PKR.
- 10) PU and RIH to PBTD with 4-3/4" bit and scraper dressed for 5.5" 15.5# csg

- 11) TOO H and LD Bit and scraper.
- 12) PU and RIH with:
 - a) 2-7-8" Wireline reentry guide
 - b) 5-1/2" x 2-7/8" Arrowset 1-X PKR. Spot at a depth of +/- **4850'**.
 - c) 2-7/8" PBR with 2.188" polished bore.
 - d) 3 jts 2-7/8" tubing
 - e) 2-7/8" 6' perforated sub
 - f) 16 jt 2-7/8" tubing
 - g) 2-7-8" 6' perforated sub
 - h) 2-7-/8" WX landing nipple with 2.313" ID packing bore
 - i) 1 jts 2-7/8" tubing (tally to approx. +/- 1000')
 - j) HRP Big Bore hydraulic set PKR. Spot at a depth of +/- **4200'**.
 - k) 2-7/8" tubing to surf. (EXAMPLE OF BHA BELOW)
- 13) While running in hole, drift tubing to insure no tight spots before running the 1.9" string.
- 14) Pump 70bbl of PKR fluid down 5-1/2" x 2-7/8" annulus.
- 15) Land tubing in hanger. Set Arrowset PKR with 5,000lbs tension at +/- 4850'.
- 16) Pump SV and set hydraulic set PKR at +/- 4200' with 2500 psi. Retrieve SV.
- 17) Pressure test 5-1/2" x 2-7/8" annulus at 1500psi to ensure hydraulic set PKR seal for 30min.
- 18) NU BOP and prepare to PU and RIH with:
 - a) 5' Stinger to fit 2.188" PBR
 - b) 1.9" tubing to surface
- 19) Sting into PBR.
- 20) Land 1.9" tbg in hanger with 3000lbs of compression.
- 21) ND BOPs. NU wellhead.
- 22) RDMO
- 23) Wait on MIT and approval to inject.



Newfield Exploration Co.
 Uintah Basin Concentric Injection System
 Prepared For: Mr. Paul Weddle
 Prepared By: Scott Williamson
 Date Prepared: 10-15-10

Note: All elastomers suitable for HCl/Chlorine dioxide exposure
 Note: Minimum ID = 1.500" for passage of 1-3/8" OD RAT



Monment Federal 41-18-9-16Y

Spud Date: 06/20/96
 Put on Production: 7/19/96
 Put on injection: 07/16/02
 GL: 6019' KB: 6029'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 5 jts. (254.60')
 DEPTH LANDED: 265'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, circ. 4 bbls to surf.

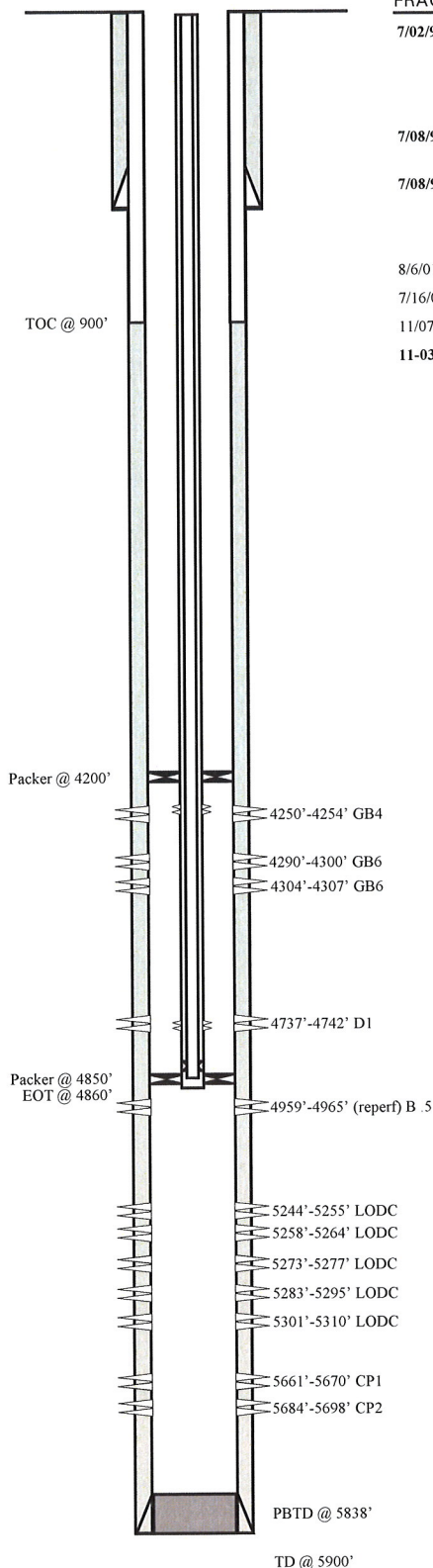
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (5874')
 DEPTH LANDED: 5884' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Super "G" & 360 sxs 50/50 POZ.
 CEMENT TOP: 900' per CBL 6/26/96

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 133 jts (4190')
 HRP PKR LANDED AT: 4200'
 NO. OF JOINTS: 1 jt
 WX LANDING NIPPLE: 2-7/8"
 PERF SUB: 2-7/8" (6')
 NO. OF JOINTS: 16 jts
 PERF SUB: 2-7/8" (6')
 NO. OF JOINTS: 3 jts
 PBR SEAL ASSY.: 2-7/8" (5')
 ARROWSET 1-X PKR LANDED AT: 4850'
 W.L. REENTRY GUIDE: 2-7/8"
 SIZE/GRADE/WT.: 1.90" IJ / J-55 / 2.76#
 NO. OF JOINTS: 154 jts (4851')
 TOTAL STRING LENGTH: 4860'

Injection
 Wellbore Diagram

**FRAC JOB**

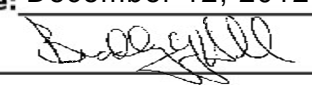
Date	Depth Range	Description
7/02/96	5244'-5310'	42,168 gals 2% KCL wtr & 54,070 # 20/40 ss and 98,380 # 16/30 ss. Used 1004 bbls wtr. Start forced closure flow back @ 1.0 bpm. Flowed back 450 bbls wtr, 0 bbls wtr, and trace of sand.
7/08/96	4737'-4965'	18,900 gals 2% KCL wtr & 50,000 # / 16/30 ss. No flow back.
7/08/96	4250'-4307'	22,470 gals 2% KCL wtr and 78,230 # 16/30 mesh ss. 32.5 BPOM. Start forced closure flow back @ .5 bpm, flow back 15 BW.
8/6/01		Tubing job. Updated tubing & rod details.
7/16/02		Convert to injector.
11/07/06		Recompletion (new perms)
11-03-06	5698'-5661'	Frac CP1 and CP2 sand as follows: 19,014# 20/40 sand in 209 bbls lightning 17 frac fluid, treated w/ avg press of 3000psi @ avg rate of 14.6 BPM. ISIP @ 1970 psi. Calc flush 2507, Acutal flush 1373

PERFORATION RECORD

Date	Depth Range	SPF	Holes
	4250'-4254'	4 SPF	16 holes
	4290'-4300'	4 SPF	40 holes
	4304'-4307'	4 SPF	12 holes
	4737'-4742'		7 holes
11/02/06	4959'-4965'		7 holes (reperf)
	5244'-5255'	2 SPF	22 holes
	5258'-5264'	2 SPF	12 holes
	5273'-5277'	2 SPF	8 holes
	5283'-5295'	2 SPF	24 holes
	5301'-5310'	2 SPF	18 holes
11/02/06	5661'-5670'	4 JSFP	36 holes
11/02/06	5684'-5698'	4 JSFP	56 holes

NEWFIELD

Monument Federal 41-18-9-16
 497' FNL & 424' FEL
 NENE Section 18-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31646; Lease #U-74390

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74390
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: MON FED 41-18-9-16Y
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0497 FNL 0424 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 18 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013316460000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/20/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: Water Isolation/Concentric In	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p>The above subject well had workover procedures performed - Water Isolation/Concentric Injection, attached is a daily status report. On 11/13/2012 Chris Jesnen with the State of Utah was contacted concerning the MIT on the above listed well. On 11/20/2012 the csg was pressured up to 1270 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbp pressure for the 1.9 tbp was 200 psig and the tbp pressure for the 2-7/8" was 750 psig during the test. There was a State representative available to witness the test - Chris Jensen. Newfield will identify this well as Monument Federal 41-18-9-16YD.</p>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874
SIGNATURE N/A		TITLE Water Services Technician
DATE 11/30/2012		Accepted by the Utah Division of Oil, Gas and Mining Date: December 12, 2012 By: 

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: Chris Jensen Date 11/20/12 Time 10:27 am pm
Test Conducted by: Kody Olson
Others Present: _____

Well: 41-184-9-16 Field: Monument Butte
Well Location: NE/NE Sec. 18, T4S, R16E API No: 43-013-31646
Duchesne Cty, UT UTU 87538X

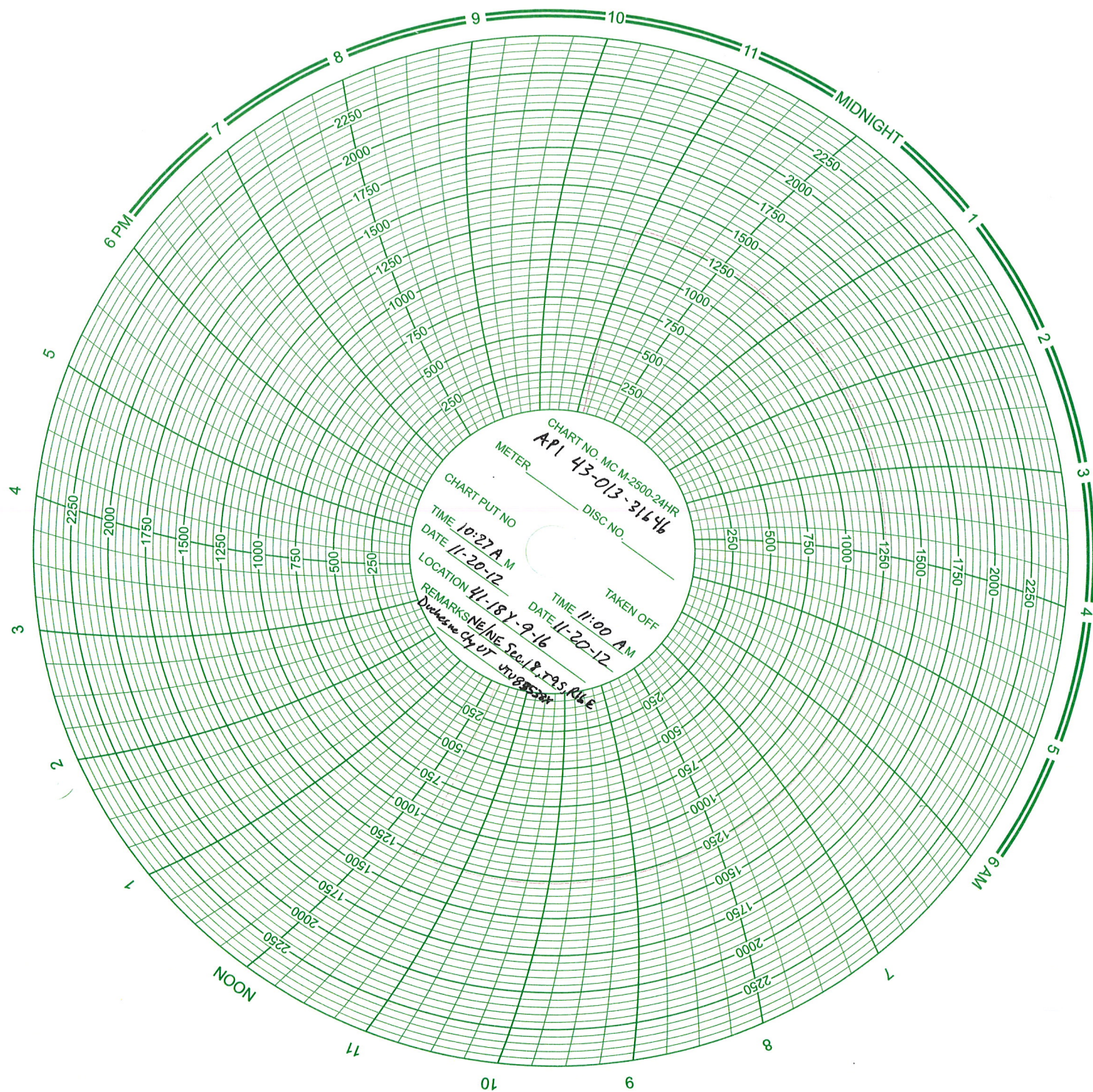
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1270</u>	psig
5	<u>1270</u>	psig
10	<u>1270</u>	psig
15	<u>1270</u>	psig
20	<u>1270</u>	psig
25	<u>1270</u>	psig
30 min	<u>1270</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 750 / 200 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: _____



Daily Activity Report

Format For Sundry

MON 41-18-9-16Y

9/1/2012 To 1/30/2013

11/12/2012 Day: 1

Water Isolation

WWS #5 on 11/12/2012 - MIRU check pressure, bleed off pressure off well for 4 hours. ND wellhead UN-set 5 1/2". Arrow set-1 PKR stripe on 5,000 pound BOP RU floorand TBJ works CWI. - MIRU check pressure, bleed off pressure off well for 4 hours. ND wellhead UN-set 5 1/2". Arrow set-1 PKR stripe on 5,000 pound BOP RU floorand TBJ works CWI. - MIRU check pressure, bleed off pressure off well for 4 hours. ND wellhead UN-set 5 1/2". Arrow set-1 PKR stripe on 5,000 pound BOP RU floorand TBJ works CWI. - - - CK pressure 1150 PSI Flush TBG w/60bbbs H2O CIRC 5 BBLS 15%acid push to EOT W/27 BBLS H2O reverse out W/40BBLS CIRC SV to psmtest TBG to 3000PSI SV TOO H with 135 joints 2 7/8 TBG LP 5 1/2arrow set packer PV and TIH w/ 5 1/2" bit and scrapper 135JTS CONT PV 47 JTS TAG fill @5678' 165' bottom set of perfs covered TOO H w/47JTS EOT @5190 CWI @ 4:00. - CK pressure 1150 PSI Flush TBG w/60bbbs H2O CIRC 5 BBLS 15%acid push to EOT W/27 BBLS H2O reverse out W/40BBLS CIRC SV to psmtest TBG to 3000PSI SV TOO H with 135 joints 2 7/8 TBG LP 5 1/2arrow set packer PV and TIH w/ 5 1/2" bit and scrapper 135JTS CONT PV 47 JTS TAG fill @5678' 165' fill bottom set of perfs covered TOO H w/47JTS EOT @5190 CWI @ 4:00. - MIRU check pressure, bleed off pressure off well for 4 hours. ND wellhead UN-set 5 1/2". Arrow set-1 PKR stripe on 5,000 pound BOP RU floorand TBJ works CWI. - MIRU check pressure, bleed off pressure off well for 4 hours. ND wellhead UN-set 5 1/2". Arrow set-1 PKR stripe on 5,000 pound BOP RU floorand TBJ works CWI. - - - CK pressure 1150 PSI Flush TBG w/60bbbs H2O CIRC 5 BBLS 15%acid push to EOT W/27 BBLS H2O reverse out W/40BBLS CIRC SV to psmtest TBG to 3000PSI SV TOO H with 135 joints 2 7/8 TBG LP 5 1/2arrow set packer PV and TIH w/ 5 1/2" bit and scrapper 135JTS CONT PV 47 JTS TAG fill @5678' 165' fill bottom set of perfs covered TOO H w/47JTS EOT @5190 CWI @ 4:00. - CK pressure 1150 PSI Flush TBG w/60bbbs H2O CIRC 5 BBLS 15%acid push to EOT W/27 BBLS H2O reverse out W/40BBLS CIRC SV to psmtest TBG to 3000PSI SV TOO H with 135 joints 2 7/8 TBG LP 5 1/2arrow set packer PV and TIH w/ 5 1/2" bit and scrapper 135JTS CONT PV 47 JTS TAG fill @5678' 165' fill bottom set of perfs covered TOO H w/47JTS EOT @5190 CWI @ 4:00. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$32,500

11/13/2012 Day: 3

Water Isolation

WWS #5 on 11/13/2012 - TIH W/T, TOH Breaking and doping collar. - Thaw BOPs & check TBG and casing pressure, TBG 1100psi CSG 1100psi, CIRC well, TIH W/47 JTS 2 7/8" TBG, TAG @ 5678 RU Drill EQUIP CLC to 5774' Getting metal & cement back in returns CIRC well clean LD 31 JTS2 7/8" TBG TOO H breaking and redoping collars W/20 JTS CONT TOO H W/135 JTS, LD5 1/2 BIT and scrape, RD floor & TBG works, drain pump and grease, CWI@ 4:30. - Thaw BOPs & check TBG and casing pressure, TBG 1100psi CSG 1100psi, CIRC well, TIH W/47 JTS 2 7/8" TBG, TAG @ 5678 RU Drill EQUIP CLC to 5774' Getting metal & cement back in returns CIRC well clean LD 31 JTS2 7/8" TBG TOO H breaking and redoping collars W/20 JTS CONT TOO H W/135 JTS, LD5 1/2 BIT and scrape, RD floor & TBG works, drain pump and grease, CWI@ 4:30.

Daily Cost: \$0

Cumulative Cost: \$45,760

11/14/2012 Day: 4

Water Isolation

WWS #5 on 11/14/2012 - Changed wellhead and set PKR. - Thaw BOPs ck press 1100PSI bleedoff well ND 5000 BOPs, changed out wellhead NU 5000" BOPs RU floor and TBG works PU & TIH W/ 5 1/2 arrow set-1 PKR W/ re entry guide 2 7/8 PBR W/2.188, polish BOPs 6' 2 7/8 perf sub 1 JT 2 7/8 TBG 6' 1 7/8 perf sub 2 7/8 WX landing nipple 20JTS 2 7/8 TBG 5 1/2 HRP HYD set PKR & 134 JTS 2 7/8 TBG RD floor & TBG works strip off 5000 BOPs set 5 1/2 arrow set-1 PKR W/15000 tension W/CB @ 4875 land TBG W/ TBG hanger RU wellhead CIRC 70 bbls fresh H2O & PKR Fluid down TBG CIRCWX plug to WX nipple try testing TBG would not test, RIH with sand line set X -plugBall & seat washed out CWT @ 4:00. - Thaw BOPs ck press 1100PSI bleedoff well ND 5000 BOPs, changed out wellhead NU 5000" BOPs RU floor and TBG works PU & TIH W/ 5 1/2 arrow set-1 PKR W/ re entry guide 2 7/8 PBR W/2.188, polish BOPs 6' 2 7/8 perf sub 1 JT 2 7/8 TBG 6' 1 7/8 perf sub 2 7/8 WX landing nipple 20JTS 2 7/8 TBG 5 1/2 HRP HYD set PKR & 134 JTS 2 7/8 TBG RD floor & TBG works strip off 5000 BOPs set 5 1/2 arrow set-1 PKR W/15000 tension W/CB @ 4875 land TBG W/ TBG hanger RU wellhead CIRC 70 bbls fresh H2O & PKR Fluid down TBG CIRCWX plug to WX nipple try testing TBG would not test, RIH with sand line set X -plugBall & seat washed out CWT @ 4:00. **Finalized**
Daily Cost: \$0

Cumulative Cost: \$51,865

11/15/2012 Day: 5

Water Isolation

WWS #5 on 11/15/2012 - flush TBG with H2O set PKR and tried to pressure test. No good TOOH With TBG. - Thaw well Ck press TBG 1100 CSG 1100 PSI, Bleed off well flush TBG W/30 BBLS H2O CIRC X nipple SV to X-nipple Try Testing TBG no good RIH W/ sandline TAG SV Try testing TBG No good TOOH W/ 77 JTS testing TBG no good TOOH W/ 78 JTS LD X-Nipple & NIP SV,SV leaking wait op2 7/8 PSN TIH W/ 5 1/2 HRP arrow set-1 PKR,PBR 6' Sub 1 JTS 6' sub 2 7/8 PSN 20 JTS 2 7/8 TBG 5 1/2HRP PKR & 134JTS RD floor and TBG worksstrip off 5000 BOPS set 5 1/2arrow set-1 PKR W/15000 tension 4875' land TBG W/TBG CIRC 70 BBLS fresh H2O & PKR fluidDown TBG, CIRC SV TC PSN try tensoin TBG no good pressure up to 3000 psi & bleed to 0 in 30 seconds, RU & RIH W/ sandline RET SV CWI @5:30. - Thaw well Ck press TBG 1100 CSG 1100 PSI, Bleed off well flush TBG W/30 BBLS H2O CIRC X nipple SV to X-nipple Try Testing TBG no good RIH W/ sandline TAG SV Try testing TBG No good TOOH W/ 77 JTS testing TBG no good TOOH W/ 78 JTS LD X-Nipple & NIP SV,SV leaking wait op2 7/8 PSN TIH W/ 5 1/2 HRP arrow set-1 PKR,PBR 6' Sub 1 JTS 6' sub 2 7/8 PSN 20 JTS 2 7/8 TBG 5 1/2HRP PKR & 134JTS RD floor and TBG worksstrip off 5000 BOPS set 5 1/2arrow set-1 PKR W/15000 tension 4875' land TBG W/TBG CIRC 70 BBLS fresh H2O & PKR fluidDown TBG, CIRC SV TC PSN try tensoin TBG no good pressure up to 3000 psi & bleed to 0 in 30 seconds, RU & RIH W/ sandline RET SV CWI @5:30. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$58,720

11/16/2012 Day: 6

Water Isolation

WWS #5 on 11/16/2012 - RIH W/ TBG, pressure test TBG, CSG and PKR all tested good. - Thaw well, CK press 1100 PSI flush TBG W/ 30BBLS H2O CIRC SV to PSN try testing found hole in JT 84 LO & replace JT test TBG to 3000 PSI CK TIH W/84 JTS RO floor& TBJ works strip off 5000 BOPs test TBG to 3000 PSI for 30 minutes good, RIT with sandline RIH SV pump 70 BBLS fresh H2O & PKR fluid CIRC SV to PSN set 5 1/2 PKR & 3500 PSI @ 4200 NU wellhead & 5000 BOPs RU floor & TBG, test CSG & PKR to 1500 PSI ok xever to690CWI @ 5:00. - Thaw well, CK press 1100 PSI flush TBG W/ 30BBLS H2O CIRC SV to PSN try testing found hole in JT 84 LO & replace JT test TBG to 3000 PSI CK TIH W/84 JTS RO floor& TBJ works strip off 5000 BOPs test TBG to 3000 PSI for 30 minutes good, RIT with sandline RIH SV pump 70 BBLS fresh H2O & PKR fluid CIRC SV to PSN set 5 1/2 PKR & 3500 PSI @ 4200 NU wellhead & 5000 BOPs RU floor & TBG, test CSG & PKR to 1500 PSI ok xever to690CWI @ 5:00.

Daily Cost: \$0

Cumulative Cost: \$79,859

11/26/2012 Day: 7

Water Isolation

Rigless on 11/26/2012 - Conduct MIT - On 11/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the MIT on the above listed well. On 11/20/2012 the csg was pressured up to 1270 psig for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure for the 1.9 tbg was 750 psig and the tbg pressure for the 2-7/8" tbg was 200 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 11/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the MIT on the above listed well. On 11/20/2012 the csg was pressured up to 1270 psig for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure for the 1.9 tbg was 750 psig and the tbg pressure for the 2-7/8" tbg was 200 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$121,711

Pertinent Files: [Go to File List](#)

Spud Date: 06/20/96
 Put on Production: 7/19/96
 Put on injection: 07/16/02
 GL: 6019' KB: 6029'

Monment Federal 41-18-9-16Y

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 5 jts. (254.60')
 DEPTH LANDED: 265'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, circ. 4 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (5874')
 DEPTH LANDED: 5884' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Super "G" & 360 sxs 50/50 POZ.
 CEMENT TOP: 900' per CBL 6/26/96

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 TBG HANGER 5-1/2" / J-55 / 0.5
 NO. OF JOINTS: 134 jts. (4187.4')
 HRP PKR 5-1/2" @ 4202'
 TBG 20 jts (621.4')
 X NIPPLE 2-7/8" AT: 4826.5'
 PERF SUB AT: 4827.6'
 TBG 1 jt (28.7')
 PBR AT: 4862.5'
 ARROW #1 PKR CE AT: 4869'
 RE-ENTRY GUIDE AT: 4873.5'

CONCENTRIC STRING

TBG HANGER 2-3/8" / J-55 (0.5')
 1.9" IJ / 2.76# / J-55 TBG PUP TOP AT: 10'
 1.9" IJ / 2.76# / J-55 TBG PUP TOP AT: 43'
 1.90" IJ / 2.76# / J-55 TBG: 144 jts (4818.3')
 PBR STINGER AT" 4871' (2.8')
 TOTAL STRING LENGTH: EOT @ 4880'

FRAC JOB

7/02/96 5244'-5310' 42,168 gals 2% KCL wtr & 54,070 # 20/40 ss and 98,380 # 16/30 ss. Used 1004 bbls wtr. Start forced closure flow back @ 1.0 bpm. Flowed back 450 bbls wtr, 0 bbls wtr, and trace of sand.

7/08/96 4737'-4965' 18,900 gals 2% KCL wtr & 50,000 # / 16/30 ss. No flow back.

7/08/96 4250'-4307' 22,470 gals 2% KCL wtr and 78,230 # 16/30 mesh ss. 32.5 BPOM. Start forced closure flow back @ .5 bpm, flow back 15 BW.

8/6/01 **Tubing job.** Updated tubing & rod details.

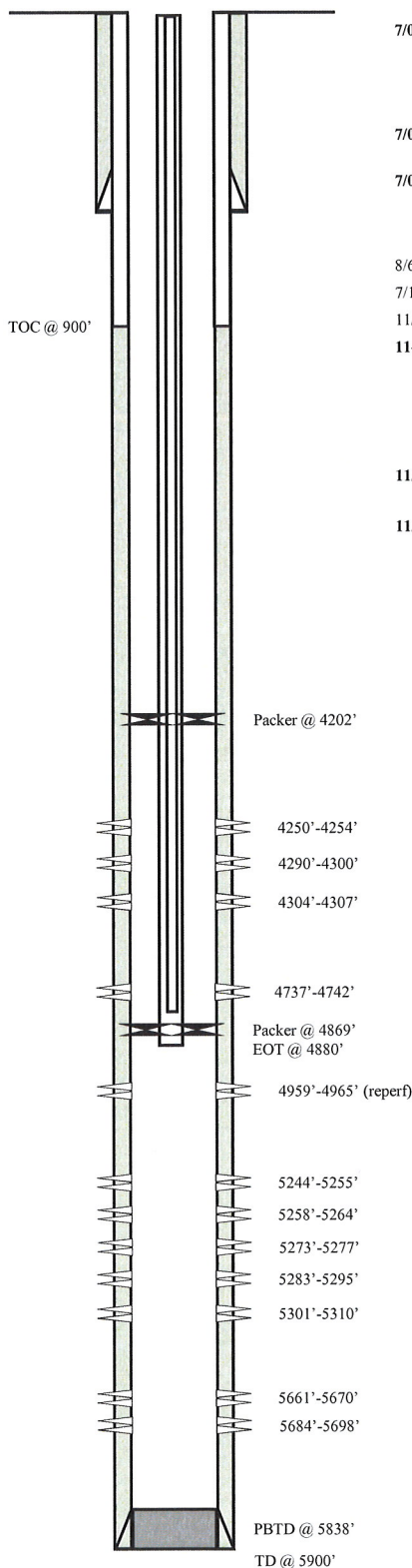
7/16/02 **Convert to injector.**

11/07/06 **Recompletion (new perfs)**

11-03-06 5698'-5661' **Frac CPI and CP2 sand as follows:**
 19,014# 20/40 sand in 209 bbls lightning 17 frac fluid, treated w/ avg press of 3000psi @ avg rate of 14.6 BPM. ISIP @ 1970 psi. Calc flush 2507, Acutal flush 1373

11/15/12 **Concentric Injection Procedure completed**
 - dual injection lines installed - 2 packers set.

11/20/12 **MIT Finalized** - tbg detail updated



PERFORATION RECORD

	4250'-4254'	4 SPF	16 holes
	4290'-4300'	4 SPF	40 holes
	4304'-4307'	4 SPF	12 holes
	4737'-4742'		7 holes
11/02/06	4959'-4965'		7 holes (reperf)
	5244'-5255'	2 SPF	22 holes
	5258'-5264'	2 SPF	12 holes
	5273'-5277'	2 SPF	8 holes
	5283'-5295'	2 SPF	24 holes
	5301'-5310'	2 SPF	18 holes
11/02/06	5661'-5670'	4 JSPF	36 holes
11/02/06	5684'-5698'	4 JSPF	56 holes



Monument Federal 41-18-9-16
 497' FNL & 424' FEL
 NENE Section 18-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31646; Lease #U-74390

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-74390	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)			
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: MON FED 41-18-9-16YD	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013316460000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		PHONE NUMBER: 435 646-4825 Ext	
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0497 FNL 0424 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 18 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:		<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/25/2013		<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:		<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:		<input type="checkbox"/> CHANGE TUBING	
		<input type="checkbox"/> CHANGE WELL STATUS	
		<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
		<input type="checkbox"/> DEEPEN	
		<input type="checkbox"/> FRACTURE TREAT	
		<input type="checkbox"/> OPERATOR CHANGE	
		<input type="checkbox"/> PLUG AND ABANDON	
		<input type="checkbox"/> NEW CONSTRUCTION	
		<input type="checkbox"/> PLUG BACK	
		<input type="checkbox"/> RECLAMATION OF WELL SITE	
		<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
		<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
		<input type="checkbox"/> TEMPORARY ABANDON	
		<input type="checkbox"/> TUBING REPAIR	
		<input type="checkbox"/> VENT OR FLARE	
		<input type="checkbox"/> WATER SHUTOFF	
		<input type="checkbox"/> SI TA STATUS EXTENSION	
		<input type="checkbox"/> WILDCAT WELL DETERMINATION	
		<input checked="" type="checkbox"/> OTHER	
		OTHER: Initial Injection Pressure	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield Production Company requests Initial injection pressure on above listed concentric injection well to be the same in both upper and lower zones - 1918 psi..>>>>>>>>>> Based on .82 psi/ft frac gradient submitted by Newfield, max. injection pressure is approved at 1700 psi-BH			
		Approved by the Utah Division of Oil, Gas and Mining Date: February 06, 2013 By: [Signature]	
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874	
TITLE Water Services Technician		DATE 1/25/2013	




The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013316460000

**Based on .84 psi/ft frac gradient submitted by Newfield, max. injection pressure is approved at
1700 psi-BH**

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74390
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: MON FED 41-18-9-16YD
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0497 FNL 0424 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 18 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013316460000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/26/2014	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="Workover MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p>The above subject well had workover procedures performed - packer repair, attached is a daily status report. On 08/25/2014 Chris Jesnen with the State of Utah was contacted concerning the MIT on the above listed well. On 08/26/2014 the csg was pressured up to 1541 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure for the 1.9 tbq was 1100 psig and the tbq pressure for the 2-7/8" was 0 psig during the test. There was not a State representative available to witness the test.</p>		
Accepted by the Utah Division of Oil, Gas and Mining September 04, 2014 Date: _____ By: 		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 8/28/2014

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 8/26/2014 Time 11:08 am pm

Test Conducted by: Dustin Bennett

Others Present: _____

Well: Monument Fed 41-18-9-16

Field: Monument Butte

Well Location: NE/NE, Sec. 18, T9S, R16E

API No: 43-013-31646

Time

Casing Pressure

0 min	<u>1541</u>	psig
5	<u>1541</u>	psig
10	<u>1542</u>	psig
15	<u>1542</u>	psig
20	<u>1542</u>	psig
25	<u>1542</u>	psig
30 min	<u>1541</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1100/0 psig
1.9 2 7/8

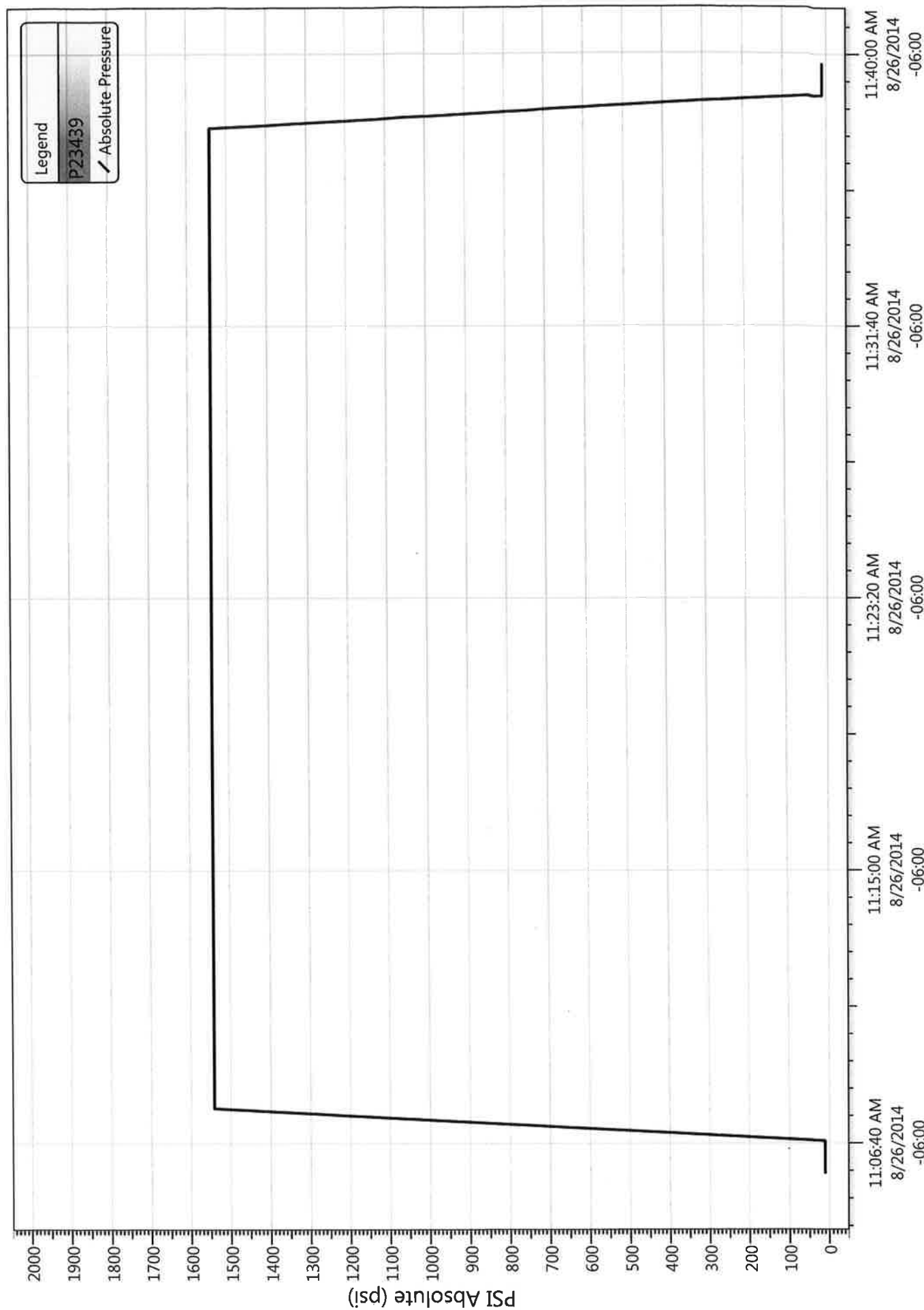
Result: **Pass** **Fail**

Signature of Witness: _____

Signature of Person Conducting Test: 

Monument Fed. 41-18-9-16 (rework MIT 8-26-2014)

8/26/2014 11:05:00 AM





Well Name: Mon 41-18-9-16Y

Job Detail Summary Report

Sundry Number: 54930 API Well Number: 43013316460000

Jobs		Job Start Date	Job End Date
Primary Job Type Repairs		8/6/2014	8/26/2014
Daily Operations			
Report Start Date 8/6/2014	Report End Date 8/6/2014	24hr Activity Summary MIRU	
Start Time	End Time	Start Time	End Time
		11:00	11:00
Start Time	End Time	11:15	11:15
Start Time	End Time	11:30	11:30
Start Time	End Time	11:45	11:45
Start Time	End Time	13:45	13:45
Start Time	End Time	15:15	15:15
Start Time	End Time	17:15	17:15
Start Time	End Time	18:00	18:00
Start Time	End Time	18:30	18:30
Report Start Date 8/7/2014	Report End Date 8/7/2014	24hr Activity Summary POOH Breaking & Doping Collars	
Start Time	End Time	05:30	06:00
Start Time	End Time	06:00	07:00
Start Time	End Time	07:00	07:30
Start Time	End Time	07:30	08:45
Start Time	End Time	08:45	09:00
Start Time	End Time	09:00	10:15
Start Time	End Time	10:15	10:30
Start Time	End Time	10:30	11:00
Start Time	End Time	11:00	13:00
Start Time	End Time	13:00	13:30
Start Time	End Time	13:30	15:15
Comment			
Moved From 2A-35-8-17			
Safety Meeting			
: RUSU			
SICP 300psi SITP 150psi SICSP(1.900") 1350psi, OWU, Flowed Back 177Bbls From 1,900" Tbg to Z Tk for 2 hrs			
Crew Safety Discussion @ NFX Of			
ND I/Tree, US Tbg Hanger, Function Test BOPs, NU BOP, RU Workfloor			
10,000# to US 1,900" Stinger From PBR, LD 1- Jt & 4' 6" Subs, POOH w/ 144- Jts, LD Stinger (No Serious Damage to Seats			
: XO For 2 7/8", RD Workfloor, Clean Up			
: SWIFN			
C/Travi			
Comment			
C/Travi			
Safety Meeting			
: SICP 0psi SITP 950psi, OWU, Blow Down to Z Tk			
: ND BOPs, ND WH Valve, Csg Full, Release HPR (30000# to Release), US Tbg Hanger, NU BOPs, RU Workfloor			
: Release Arrow Set			
: BMW H/O Flushed w/ 60BW w/ Biocide d/ Tbg @ 900-1200psi			
: Rereleased PKR, No Communication From Csg, POOH w/ 12- Jts, Fluid Movement From Csg			
: H/O Pmed 20BW d/ Tbg to Kill Tbg			
: POOH w/ 134- Jts, Located Hole In Jt # 80, LD 3- Jts(79-81), LD HPR (Top CE Rubber Was Damaged), Pull 20- Jts, LD 2- 6' Perf Sub, PBR, AS1x PKR (Wear on CE), Noticed Wear on Collars Mid Way of String			
: Lunch Break			
: MU PSN (NEW), TIH w/ 154- Jts			



Well Name: Mon 41-18-9-16Y

Job Detail Summary Report

Sundry Number: 54930 API Well Number: 43013316460000

Start Time	15:15	End Time	15:45	Comment
Start Time	15:45	End Time	16:00	: Drop S/Valv, MU & RIH w/ S/Line to Seat S/Valv
Start Time	16:00	End Time	16:30	: Hole Remaining Full, PT Tbg to 3000psi, Complete Pressure Loss
Start Time	16:30	End Time	18:45	: Retrieve S/Valv
Start Time	18:45	End Time	19:30	: POOH w/ Tbg 80-Jts B&D Everyother Collar
Start Time	19:30	End Time		: SWIFN, 7:00 to 7:30PM c/Travl
Report Start Date	8/8/2014	Report End Date	8/8/2014	24hr Activity Summary
Start Time	05:30	End Time	06:00	C/Travl
Start Time	06:00	End Time	07:00	Safety Meeting
Start Time	07:00	End Time	07:30	: SICP 650psi S/TP 650psi, OWU, Blow Down to Z Tk
Start Time	07:30	End Time	08:15	: POOH w/ 73- Jts B&D Everyother Collar
Start Time	08:15	End Time	09:00	: MU Slaughter Bit & Scraper, TIH w/ 153- Jts
Start Time	09:00	End Time	10:15	: PU 20- Jts, Waited For Trailer 45Min, Tag Fill @ 5838' (No Fill), (3' Scale Ring @ 4960'),
Start Time	10:15	End Time	10:45	: LD 39- Jts on Trl
Start Time	10:45	End Time	11:30	: BMW H/O Flushed Tbg w/ 40BW w/ Biocide
Start Time	11:30	End Time	12:00	: Drop S/Valv, H/O Pmed 10BW, RIH w/ S/Line, Seat S/Valv
Start Time	12:00	End Time	12:45	: Hole Remaining Full, PT Tbg to 3000psi, No Test 7psi Per Min Loss, Attempted 3 Times
Start Time	12:45	End Time	16:30	: Engineer Suggested Testing While TOOH, 12:45: POOH w/ 10-Jts PT to 3000psi (Losing 50psi Per Min @ Avg in 8 Tests
Start Time	16:30	End Time	17:00	: Retrieved S/Valv, 55- Jts Left In Hole
Start Time	17:00	End Time	17:30	: SWIFWE, 5:00 to 5:30PM C/Travl
Report Start Date	8/11/2014	Report End Date	8/11/2014	24hr Activity Summary
Start Time	05:30	End Time	06:00	C/Travl
Start Time	06:00	End Time	07:00	Safety Meeting
Start Time	07:00	End Time	07:30	: SICP 825psi S/TP 825psi, OWU, Flow Back 35Bbls to Z Tk
Start Time	07:30	End Time	08:15	: 55- Jts in Hole, Drop S/Valv, BMW Pmped 30BW to Seat
Start Time	08:15	End Time	11:30	: PT Tbg to 3000psi, POOH w/ Testing Every 10-Jts, Good Test @ 40- Jts, POOH & LD Scraper,



Well Name: Mon 41-18-9-16Y

Job Detail Summary Report

Sundry Number: 54930 API Well Number: 43013316460000

Start Time	11:30	End Time	13:00	Comment : PU 20- Jts (NEW), BMW H/O Flushed w/30BW, POOH B & D Collars
Start Time	13:00	End Time	13:30	Comment : MU BHA as Follows: WL ReGuide, 5 1/2" AS1-xPKR, 2 7/8" PBR 2.188", 1- 2 7/8"x 6' Perf Sub, 1- 2 7/8" Jt, 1- 2 7/8"x 6' Perf Sub, PSN, 20- 2 7/8" Jts, 5 1/2" HRP Hyd set PKR
Start Time	13:30	End Time	14:00	Comment : TIH w/ 98- Jts, XO 20- Jts for NEW, TIH w/ 20- Jts
Start Time	14:00	End Time	14:30	Comment : Drop S/Valv, RIH w/ S/Line to Seat
Start Time	14:30	End Time	17:00	Comment : H/O PT Tbg to 2000psi Ever 20-Jts Until Final Test,
Start Time	17:00	End Time	17:30	Comment : Retrieve S/Valv
Start Time	17:30	End Time	17:45	Comment : Steam On Equip
Start Time	17:45	End Time	18:30	Comment : RD Workfloor, ND BOPs, Set 5 1/2" Arrow Set PKR CE @ 4884' w/ 13000# of Tension, Seat Tbg Hanger, NU 5K Wing Valve, 6:30: SWIFN
Start Time	18:30	End Time	19:00	Comment : C/Travl
Report Start Date	8/12/2014	Report End Date	8/12/2014	24hr Activity Summary Test Csg, Set HRP PKR, TIH w/ 1.900
Start Time	05:30	End Time	06:00	Comment : C/Trav
Start Time	06:00	End Time	07:00	Comment : Safety Meeting
Start Time	07:00	End Time	07:30	Comment : SICP 640psi SITP 600psi, OWU, Flowed Press to Z Tk, ND Wing Valve
Start Time	07:30	End Time	08:30	Comment : BMW H/O Pmped 60BW w/ PKR Fluids d/Annulus, Circ 60BW to Z Tk,
Start Time	08:30	End Time	09:30	Comment : Set 5 1/2" HRP PKR CE @4206', 3400psi
Start Time	09:30	End Time	09:45	Comment : Retrieve S/Valve
Start Time	09:45	End Time	10:15	Comment : NU 5K Wing Valve
Start Time	10:15	End Time	15:00	Comment : Hole Remaining Full PT Annulus to 1500psi, Observ Press Loss 50 Psi In One Hr, R/U MIT To Test Csg
Start Time	15:00	End Time	15:45	Comment : 2:00PM GOOD Test , NU Landing Spool
Start Time	15:45	End Time	16:00	Comment : P/U Weatherford PBR Stringer For 1.90 Tbg (4.48'OA
Start Time	16:00	End Time	18:30	Comment : PM Starting RIH W/ PBR Stringer 1.90, 144 Jts Of J-55, Tbg Waiting On Sub To Be Belt, SWIFN
Start Time	18:30	End Time	19:00	Comment : C/Travl
Report Start Date	8/13/2014	Report End Date	8/13/2014	24hr Activity Summary MIT
Start Time	05:30	End Time	06:00	Comment : C/Travl

NEWFIELD



Job Detail Summary Report

Well Name: Mon 41-18-9-16Y

Start Time	06:00	End Time	07:00	Comment
Start Time	07:00	End Time	07:45	Safety Meeting
Start Time	07:45	End Time	08:00	Comment
Start Time	08:00	End Time	08:15	SICP 600psi SITP 600psi, OWU, Flowed Press to Z Tk, N/D Wing Valve
Start Time	08:15	End Time	08:45	Comment
Start Time	08:45	End Time	09:45	P/U 8X4X1' Sub 1 Jt 1.90, P/U Hanger Land In Well Head W/ 5 Thousand Down
Start Time	09:45	End Time	10:30	Comment
Report Start Date	8/26/2014	Report End Date	8/26/2014	24hr Activity Summary
Start Time	11:10	End Time	11:40	Conduct MIT
				Comment
				On 08/25/2014 Chris Jesnen with the State of Utah was contacted concerning the MIT on the above listed well.
				On 08/26/2014 the csg was pressured up to 1541 psig and charted for 30 minutes with no pressure loss. The well
				was not injecting during the test. The tbg pressure for the 1.9 tbg was 1100 psig and the tbg pressure for the 2-
				7/8" was 0 psig during the test. There was not a State representative available to witness the test.

NEWFIELD

Schematic



Well Name: Mon 41-18-9-16Y

Surface Legal Location 18-9S-16E		API/UWI 43013316460000	Well RC 500151758	Lease	State/Province Utah	Field Name GMBU CTB3	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 7/19/1996	Original KB Elevation (ft) 6,029	Ground Elevation (ft) 6,019	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,839.1	

Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Packer Repair	Job Start Date 8/6/2014	Job End Date 8/26/2014
---------------------------------------	-----------------------------	-------------------------------------	----------------------------	---------------------------

TD: 5,900.0

Vertical - Original Hole, 8/28/2014 7:33:48 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)
9.8			DLS (° ...	
10.8				7-1; Tubing Hanger; 2 3/8; 1.195; 10-11; 0.90
56.8				7-2; Tubing; 1.90; 1.650; 11-44; 33.00
264.8				7-3; Tubing Pup Joint; 1.90; 1.650; 44-57; 13.00
908.1				1; Surface; 8 5/8 in; 8.097 in; 10-265 ftKB; 254.60 ft
4,220.8				6-1; Tubing; 2 7/8; 2.441; 10-4,214; 4,203.61
4,253.9				7-4; Tubing; 1.90; 1.650; 57-4,875; 4,818.00
4,299.9				6-2; HRP Packer; 5 1/2; 4.950; 4,214-4,221; 7.20
4,307.1				Perforated; 4,250-4,254; 7/8/1996
4,742.1				Perforated; 4,290-4,300; 7/8/1996
4,843.2				Perforated; 4,304-4,307; 7/8/1996
4,875.0				6-3; Tubing; 2 7/8; 2.441; 4,221-4,842; 621.40
4,879.3				Perforated; 4,737-4,742; 7/5/1996
4,890.4				6-4; Pump Seating Nipple; 2 7/8; 4,842-4,843; 1.10
4,904.2				6-5; Perforated Joint; 2 7/8; 4,843-4,849; 6.10
4,964.9				6-6; Tubing; 2 7/8; 2.441; 4,849-4,878; 28.70
5,244.1				7-5; On-Off Tool/ Stinger; 1.90; 1.650; 4,875-4,879; 4.48
5,257.9				6-7; Perforated Joint; 2 7/8; 4,878-4,884; 6.10
5,273.0				6-8; Seal Bore Receptacle; 2 7/8; 4,884-4,890; 6.20
5,283.1				6-9; Packer; 5 1/2; 4.950; 4,890-4,897; 6.95
5,300.9				6-10; Wireline Guide; 2 7/8; 4,897-4,904; 7.00
5,661.1				Perforated; 4,959-4,965; 7/5/1996
5,684.1				Perforated; 4,959-4,966; 11/2/2006
5,839.2				Perforated; 5,244-5,255; 7/1/1996
5,883.2				Perforated; 5,258-5,264; 7/1/1996
5,899.9				Perforated; 5,273-5,277; 7/1/1996
				Perforated; 5,283-5,295; 7/1/1996
				Perforated; 5,301-5,310; 7/1/1996
				Perforated; 5,661-5,670; 11/2/2006
				Perforated; 5,684-5,698; 11/2/2006
				2; Production; 5 1/2 in; 4.950 in; 10-5,884 ftKB; 5,874.15 ft

NEWFIELD**Newfield Wellbore Diagram Data
Mon 41-18-9-16Y**

Surface Legal Location 18-9S-16E		API/UWI 43013316460000		Lease	
County DUCHESENE		State/Province Utah		Field Name GMBU CTB3	
Well Start Date 6/20/1996		Spud Date		On Production Date 7/19/1996	
Original KB Elevation (ft) 6,029	Ground Elevation (ft) 6,019	Total Depth (ftKB) 5,900.0		Total Depth All (TVD) (ftKB) PBTD (All) (ftKB) Original Hole - 5,839.1	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	6/21/1996	8 5/8	8.097	24.00	J-55	265
Production	6/27/1996	5 1/2	4.950	15.50	J-55	5,884

Cement**String: Surface, 265ftKB 6/21/1996**

Cementing Company BJ Services Company		Top Depth (ftKB) 10.0	Bottom Depth (ftKB) 280.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 160 SXS + 2% CaCl + 1/4#/SK CELLO FLAKE BY BJ SERVICES		Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 10.0

String: Production, 5,884ftKB 6/27/1996

Cementing Company BJ Services Company		Top Depth (ftKB) 908.0	Bottom Depth (ftKB) 5,900.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 300 SXS SUPER "G" + 2% SALT + 2% GEL + 2#/SK KOL-SEAL + 1/4#/SK CELLO FLAKES + 20# OF STATIC FREE		Fluid Type Lead	Amount (sacks) 300	Class G	Estimated Top (ftKB) 908.0
Fluid Description 360 SXS 50/50 POZ + 2% GEL + 1/4#/SX CELLO FLAKE + 2#/SX KOLSEAL		Fluid Type Tail	Amount (sacks) 360	Class 50/50 POZ	Estimated Top (ftKB) 3,404.0

Tubing Strings

Tubing Description					Run Date		Set Depth (ftKB)	
Tubing					8/13/2014		4,904.4	
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	133	2 7/8	2.441	6.50	J-55	4,203.61	10.0	4,213.6
HRP Packer	1	5 1/2	4.950			7.20	4,213.6	4,220.8
Tubing	20	2 7/8	2.441	6.50	J-55	621.40	4,220.8	4,842.2
Pump Seating Nipple	1	2 7/8				1.10	4,842.2	4,843.3
Perforated Joint	1	2 7/8				6.10	4,843.3	4,849.4
Tubing	1	2 7/8	2.441	6.50	J-55	28.70	4,849.4	4,878.1
Perforated Joint	1	2 7/8				6.10	4,878.1	4,884.2
Seal Bore Receptacle	1	2 7/8				6.20	4,884.2	4,890.4
Packer	1	5 1/2	4.950			6.95	4,890.4	4,897.4
Wireline Guide	1	2 7/8				7.00	4,897.4	4,904.4

Tubing Description					Run Date		Set Depth (ftKB)	
Tubing					8/13/2014		4,879.4	
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1	2 3/8	1.195			0.90	10.0	10.9
Tubing	1	1.9	1.650	2.40	J-55	33.00	10.9	43.9
Tubing Pup Joint	1	1.9	1.650			13.00	43.9	56.9
Tubing	144	1.9	1.650	2.40	J-55	4,818.00	56.9	4,874.9
On-Off Tool/ Stinger	1	1.9	1.650			4.48	4,874.9	4,879.4

Rod Strings

Rod Description				Run Date		Set Depth (ftKB)	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
3	GB4/GB6, Original Hole	4,250	4,254	4	90		7/8/1996
3	GB4/GB6, Original Hole	4,290	4,300	4	90		7/8/1996
3	GB4/GB6, Original Hole	4,304	4,307	4	90		7/8/1996
2	D1/B.5, Original Hole	4,737	4,742	1	360		7/5/1996
2	D1/B.5, Original Hole	4,959	4,965	1	360		7/5/1996
5	B.5, Original Hole	4,959	4,966	4	90		11/2/2006
1	LODC, Original Hole	5,244	5,255	2	180		7/1/1996
1	LODC, Original Hole	5,258	5,264	2	180		7/1/1996
1	LODC, Original Hole	5,273	5,277	2	180		7/1/1996
1	LODC, Original Hole	5,283	5,295	2	180		7/1/1996
1	LODC, Original Hole	5,301	5,310	2	180		7/1/1996

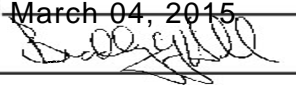
NEWFIELD

Newfield Wellbore Diagram Data Mon 41-18-9-16Y

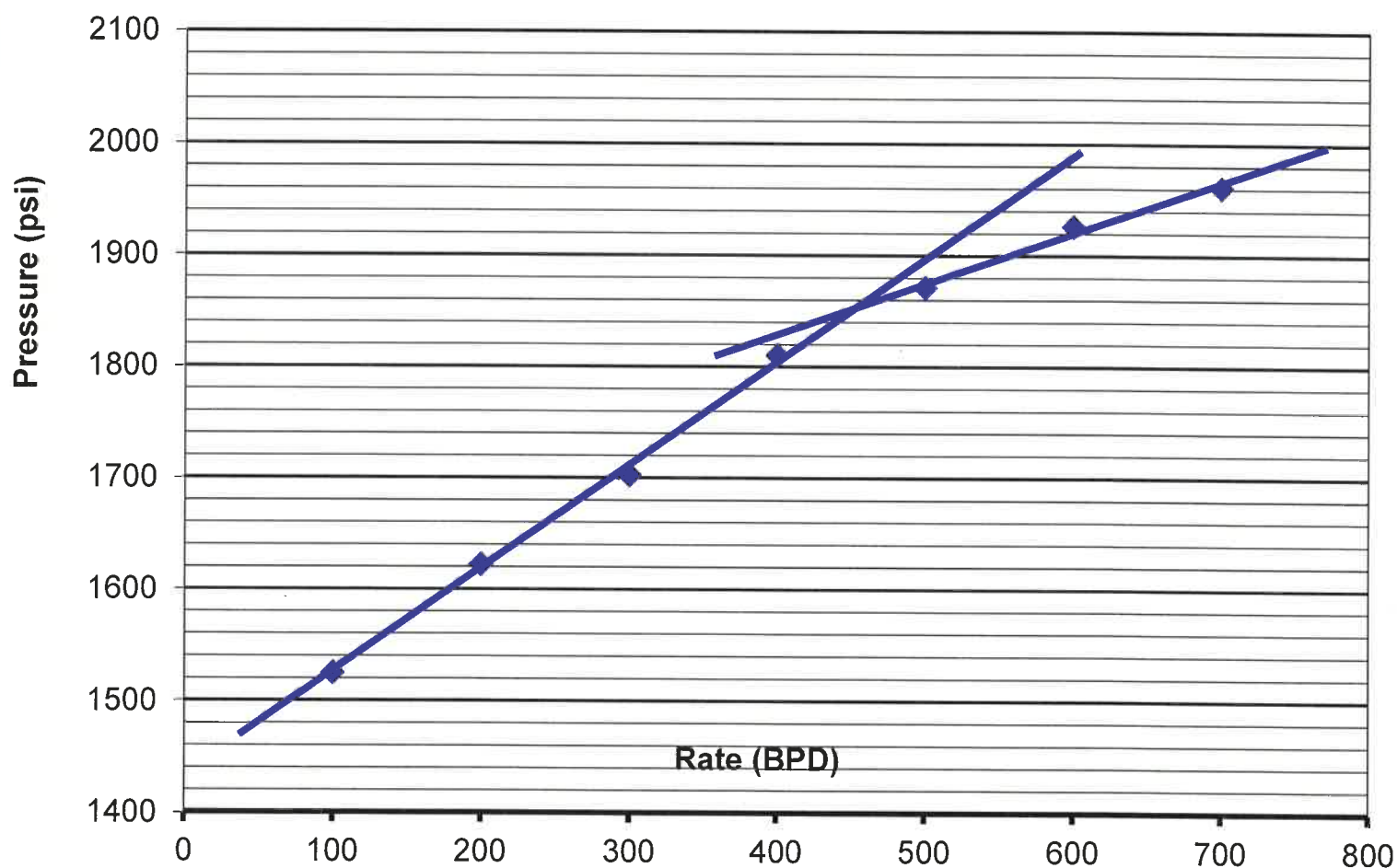
Perforation Intervals							
Stage#	Zone	Top (ftKB)	Bltn (ftKB)	Shot Dens (shots/ft)	Phasing (")	Nom Hole Dia (in)	Date
4	CP1/CP2, Original Hole	5,661	5,670	4	90		11/2/2006
4	CP1/CP2, Original Hole	5,684	5,698	4	90		11/2/2006

Stimulations & Treatments							
Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,600	0.933	40.9	3,010			
2	1,980	0.848	35.1	4,900			
3	2,350	0.989	33.1	2,880			
3	2,350	0.989	33.1	2,880			
4	1,970	0.78	14.7	3,200			
6	2,490	0.94	14.5	4,180			
5	2,390		1.0				

Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Bulk Sand 54070 lb
2		Proppant Bulk Sand 50000 lb
3		Proppant Bulk Sand 78230 lb
3		Proppant Bulk Sand 78230 lb
4		Proppant Bulk Sand 19014 lb
6		Proppant Bulk Sand 23175 lb
5		

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74390
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: MON FED 41-18-9-16YD
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0497 FNL 0424 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 18 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013316460000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/19/2014	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="Step Rate Test"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. A step rate test was conducted on the lower zone of the subject well on 11/19/2014. Results from the test indicate that the fracture gradient is 0.813 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1700 psi to 1850 psi.		
Accepted by the Utah Division of Oil, Gas and Mining Date: <u>March 04, 2015</u> By: 		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 3/3/2015	

**Monument Federal 41-18-9-16D
Greater Monument Butte Unit
Step Rate Test
November 19, 2014**



Start Pressure: 1455 psi
Instantaneous Shut In Pressure (ISIP): 1846 psi
Top Perforation: 4959 feet
Fracture pressure (Pfp): 1850 psi
FG: 0.813 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	100	1525
2	200	1622
3	300	1702
4	400	1810
5	500	1871
6	600	1926
7	700	1961

Monument Federal 41-18-9-16D SRT Data (11-19-14)

11/19/2014 1:28:16 PM

Date	Time	Time Zone	N87695 Absolute Pressure (psi)	Date	Time	Time Zone	N87695 Absolute Pressure (psi)
11/19/2014	8:45:00 AM	-07:00	1462.0	11/19/2014	12:35:01 PM	-07:00	1931.0
11/19/2014	8:50:00 AM	-07:00	1461.2	11/19/2014	12:40:01 PM	-07:00	1958.2
11/19/2014	8:55:00 AM	-07:00	1460.2	11/19/2014	12:45:01 PM	-07:00	1976.0
11/19/2014	9:00:00 AM	-07:00	1459.0	11/19/2014	12:50:01 PM	-07:00	1961.2
11/19/2014	9:05:00 AM	-07:00	1457.6				
11/19/2014	9:10:00 AM	-07:00	1457.0				
11/19/2014	9:15:00 AM	-07:00	1456.6				
11/19/2014	9:20:01 AM	-07:00	1455.4				
11/19/2014	9:25:01 AM	-07:00	1486.6				
11/19/2014	9:30:01 AM	-07:00	1501.2				
11/19/2014	9:35:01 AM	-07:00	1507.6				
11/19/2014	9:40:01 AM	-07:00	1514.4				
11/19/2014	9:45:01 AM	-07:00	1519.0				
11/19/2014	9:50:01 AM	-07:00	1525.4				
11/19/2014	9:55:01 AM	-07:00	1560.6				
11/19/2014	10:00:01 AM	-07:00	1581.0				
11/19/2014	10:05:01 AM	-07:00	1581.2				
11/19/2014	10:10:01 AM	-07:00	1606.2				
11/19/2014	10:15:01 AM	-07:00	1602.8				
11/19/2014	10:20:01 AM	-07:00	1622.2				
11/19/2014	10:25:01 AM	-07:00	1645.6				
11/19/2014	10:30:01 AM	-07:00	1663.4				
11/19/2014	10:35:01 AM	-07:00	1675.2				
11/19/2014	10:40:01 AM	-07:00	1684.4				
11/19/2014	10:45:01 AM	-07:00	1694.6				
11/19/2014	10:50:01 AM	-07:00	1702.2				
11/19/2014	10:55:01 AM	-07:00	1768.6				
11/19/2014	11:00:01 AM	-07:00	1777.2				
11/19/2014	11:05:01 AM	-07:00	1777.2				
11/19/2014	11:10:01 AM	-07:00	1796.4				
11/19/2014	11:15:01 AM	-07:00	1790.6				
11/19/2014	11:20:01 AM	-07:00	1810.2				
11/19/2014	11:25:01 AM	-07:00	1813.4				
11/19/2014	11:30:01 AM	-07:00	1849.6				
11/19/2014	11:35:01 AM	-07:00	1838.0				
11/19/2014	11:40:01 AM	-07:00	1850.4				
11/19/2014	11:45:01 AM	-07:00	1870.8				
11/19/2014	11:50:01 AM	-07:00	1870.8				
11/19/2014	11:55:01 AM	-07:00	1902.0				
11/19/2014	12:00:01 PM	-07:00	1893.0				
11/19/2014	12:05:01 PM	-07:00	1903.6				
11/19/2014	12:10:01 PM	-07:00	1903.2				
11/19/2014	12:15:01 PM	-07:00	1913.2				
11/19/2014	12:20:01 PM	-07:00	1925.6				
11/19/2014	12:25:01 PM	-07:00	1941.4				
11/19/2014	12:30:01 PM	-07:00	1935.8				

Monument Federal 41-18-9-16D ISIP Data (11-19-14)

11/19/2014 1:29:25 PM

Date	Time	Time Zone	N87695 Absolute Pressure (psi)
11/19/2014	12:50:22 PM	-07:00	1962.4
11/19/2014	12:51:22 PM	-07:00	1845.8
11/19/2014	12:52:22 PM	-07:00	1819.8
11/19/2014	12:53:22 PM	-07:00	1807.6
11/19/2014	12:54:22 PM	-07:00	1797.2
11/19/2014	12:55:22 PM	-07:00	1788.6
11/19/2014	12:56:22 PM	-07:00	1780.6
11/19/2014	12:57:22 PM	-07:00	1774.2
11/19/2014	12:58:22 PM	-07:00	1767.6
11/19/2014	12:59:22 PM	-07:00	1762.0
11/19/2014	1:00:22 PM	-07:00	1756.8
11/19/2014	1:01:22 PM	-07:00	1751.8
11/19/2014	1:02:22 PM	-07:00	1747.2
11/19/2014	1:03:22 PM	-07:00	1743.4
11/19/2014	1:04:23 PM	-07:00	1739.2
11/19/2014	1:05:23 PM	-07:00	1735.6
11/19/2014	1:06:23 PM	-07:00	1731.8
11/19/2014	1:07:23 PM	-07:00	1728.6
11/19/2014	1:08:23 PM	-07:00	1725.2
11/19/2014	1:09:23 PM	-07:00	1722.4
11/19/2014	1:10:23 PM	-07:00	1719.4
11/19/2014	1:11:23 PM	-07:00	1717.6
11/19/2014	1:12:23 PM	-07:00	1715.4
11/19/2014	1:13:23 PM	-07:00	1713.0
11/19/2014	1:14:23 PM	-07:00	1711.0
11/19/2014	1:15:23 PM	-07:00	1708.8
11/19/2014	1:16:23 PM	-07:00	1705.6
11/19/2014	1:17:23 PM	-07:00	1704.4
11/19/2014	1:18:23 PM	-07:00	1702.2
11/19/2014	1:19:23 PM	-07:00	1700.0
11/19/2014	1:20:23 PM	-07:00	1698.2

Monument Federal 41-18-9-16D SRT & ISIP (11-19-14)

11/19/2014 1:26:02 PM

